PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

GENERAL INFORMATION: FY 2018-2019

Go Back to Data Entry

1. Demographics

Item	Unit	2017-2018	2018-2019
1.1 Population (Census 2001/2011)	Persons	647057	647057
1.2 Decadal Growth Rate of the City	%	17.71	17.71
1.3 Population (Present Year)	Persons	731254	740100
1.4 Number of Households (Census 2001/2011)	Number	136796	136796
1.5 Number of Households (Present Year)	Number	153182	155000
1.6 Family Size (Census 2001/2011)	Persons	4.73	4.73
1.7 Family Size (Present Year)	Persons	4.77	4.77
1.8 Number of Slums (2001/2011)	Number	102	102
1.9 Number of Slums (Present Year)	Number	126	126
1.10 Number of Slum Households (2001/2011)	Number	18000	18000
1.11 Number of Slum Households (Present Year)	Number	58800	58800
1.12 Number of Properties (2001/2011)	Number	83136	83136
1.13 Number of Properties excluding open plots (Present Year)	Number	156063	159071
1.14 Number of Election Wards (2001/2011)	Number	87	81
1.15 Number of Election Wards (Present Year)	Number	22	22
1.16 Town/City Area (Census 2001/2011)	Sq.km	121.65	121.65
1.17 Present Town/City Area	Sq.km	121.65	121.65
Built up area within Municipal Boundary	Sq.km	97.32	105.16
1.18 Population Density (Present Year)	Number	6011.0	6084
1.19 Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2001/2011)	Number	15550	15550
1.20 Number of Commercial and other establishments (offices, institutions, markets,Hotels and Restaurants)(Present Year)	Number	24421	26425

Remark

Item	Unit	2017-2018	2018-2019
Remark			

2. Service Provider Details - Water Supply

2.1 Name of Town/City	Amravati
2.2 Name of the Department/Unit	MJP

2.3 Name of the Head of Department/Unit	Surendra Kokulwar
2.4 Designation of the Department Head	Ex Engineer
2.5 Address	Maltekadi Amravati Division
2.6 Telephone Number	07212551303
2.7 Mobile Number	9421830634
2.8 Fax Number	07212663332
2.9 Email	mail.mjp@gov.in
2.10 Website	mjp.maharashtra.gov.in
2.11 Name of the Contact Person	Mr. Raghuvanshi
2.12 Designation of the contact person	Dy Engineer
2.13 Address	Maltekadi Amravati Division
2.14 Telephone Number	07212663341
2.15 Mobile Number	9371209720
2.16 Fax Number	07212663332
2.17 Email	mail.mjp@gov.in
2.18 Website	mjp.maharashtra.gov.in

3. Service Provider Details - Sewerage and Drainage

3.1 Name of Town/City	Amravati
3.2 Name of the Department/Unit	MJP
3.3 Name of the Head of Department/Unit	Mr. Satish Bakshi
3.4 Designation of the Department Head	Ex Eng.
3.5 Address	MJP Amravati Jail Road Camp
3.6 Telephone Number	9763714301
3.7 Mobile Number	9763714301
3.8 Fax Number	07212663332
3.9 Email	mjpsubn1@gmail.com
3.10 Website	mjp.maharashtra.gov.in
3.11 Name of the Contact Person	darvekar
3.12 Designation of the contact person	Asst Eng
3.13 Address	MJP Amravati Jail Road Camp
3.14 Telephone Number	9657713516
3.15 Mobile Number	9657713516
3.16 Fax Number	07212663332
3.17 Email	dndarwhekar@gmail.com
3.18 Website	mjp.maharashtra.gov.in

4. Service Provider Details - Solid Waste Management

4.1 Name of Town/City	Amravati
4.2 Name of the Department/Unit	Sanitation department
4.3 Name of the Head of Department/Unit	Dr. Vishal Kale
4.4 Designation of the Department Head	M.O.H. sanitation
4.5 Address	Amravati Municipal Corporation Amravati
4.6 Telephone Number	0721576482
4.7 Mobile Number	7030922874
4.8 Fax Number	07212673950
4.9 Email	sanitationdepartment.amc@gmail.com

4.10 Website	www.amtcorp.org
4.11 Name of the Contact Person	Dr. Ajay Jadhao
4.12 Designation of the contact person	AMOH
4.13 Address	AMC
4.14 Telephone Number	0721576482
4.15 Mobile Number	7030922905
4.16 Fax Number	07212673950
4.17 Email	sanitationdepartment.amc@gmail.com
4.18 Website	www.amtcorp.org

5. Service Provider Details - Slums

5.1 Name of Town/City	Amravati
5.2 Name of the Contact Person for Information related to slums	Mr. Ravindra Pawar
5.3 Designation	City Engineer
5.4 Address	AMC
5.5 Telephone Number	7030922884
5.6 Mobile Number	7030922884
5.7 Fax Number	07212673950
5.8 Email	
5.9 Website	www.amtcorp.org

About CEPT

CEPT University located in Ahmedabad in India is a leading institution offering undergraduate and postgraduate programmes in Architecture, Planning, Building Construction, Interior Design, Technology Management and Arts through its various schools. Since its inception in 1962, CEPT's mission has been to contribute to development issues related to urban and rural settlements through its academic programmes as well as research and professional activities. In 2005, it was made into a State University by an Act of the State Legislative Assembly of Gujarat.

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER SUPPLY : FY 2018-2019

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1. COVERAGE OF WATER SUPPLY CONNECTIONS

Water Service Coverage - Number of Connections

Item	Unit	2017-2018	2018-2019
Does the ULB have water meters at consumer end?	Yes/No		YES
1.1 Domestic Connections (Metered Functional)	Number	78779	81620
1.2 Domestic Connections (Metered Non-Functional)	Number	8753	12560
1.3 Domestic Connections (Unmetered)	Number	0	0
Domestic connections (Total)	Number	87532	94180
1.4 Bulk supply Apartments (Metered Functional)	Number	259	259
1.5 Bulk supply Apartments (Metered Non-Functional)	Number	30	30
1.6 Bulk supply Apartments (Unmetered)	Number	0	0
Bulk supply Apartments (Total)	Number	289	289
1.7 Bulk supply Layouts/Societies (Metered Functional)	Number	86	86
1.8 Bulk supply Layouts/Societies (Metered Non-Functional)	Number	10	10
1.9 Bulk supply Layouts/societies (Unmetered)	Number	0	0
Bulk supply Layouts/Societies (Total)	Number	96	96
1.10 Others-Specify (Metered Funtional)	Number	0	0
1.11 Others-Specify (Metered Non-Functional)	Number	0	0
1.12 Others-Specify (Unmetered)	Number	0	0
Others - Specify (Total)	Number	0	0
Total Number of Water Supply Connections - Residential	Number	87917	94565

Water Service Coverage - Households Served

Item	Unit	2017-2018	2018-2019
1.13 Households served by Domestic Connections	Number	87532	94125
1.14 Households served by Bulk supply - Apartments	Number	9775	9880
1.15 Households served by Bulk supply - Layouts/Societies	Number	7650	7650
Total Households served with Water Supply	Number	104957	111655

Households served by one sources such as wells, handpumps shall not be included.

2. PER CAPITA SUPPLY OF WATER

Water Production Capacity

Item	Unit	2017-2018	2018-2019
2.1 Installed Capacity of Treatment Plants for Surface Water Sources	MLD	95.0	95.0
2.2 Volume of water produced through Surface Water Sources	MLD	109.0	109.0

2.3 Installed Capacity of Treatment Plants for Ground Water Sources	MLD	0.0	0.0
2.4 Volume of water produced through Ground water (power pumps)	MLD	0.0	0.0
2.5 Volume of water produced through any Other Sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
Total Installed Capacity	MLD	95.00	95.000
Total Volume of water produced	MLD	109.00	109.000

Water Consumption

Item	Unit	2017-2018	2018-2019
2.6 Volume of water billed from Domestic Connections	MLD	53.65	56.91
2.7 Volume of water billed from Bulk supply Apartments	MLD	3.85	3.85
2.8 Volume of water billed from Bulk supply Layouts/Societies	MLD	4.6	4.6
2.9 Volume of water billed from Non domestic Connections	MLD	2.5	2.5
2.10 Volume of water billed from Public taps	MLD	8.48	8.48
2.11 Volume of water billed from any other sources	MLD	0.0	0.0
Total Volume of water billed	MLD	73.08	76.34
Total Volume of water unbilled (free supplies to Public taps, stand posts, hand pumps, etc.)	MLD	8.48	8.48
Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	0.0	0.0

3. EXTENT OF NON REVENUE WATER (NRW)

Item	Unit	2017-2018	2018-2019
3.1 Total Volume of Water Produced	MLD	109.00	109.000
3.2 Total Volume of Water Billed	MLD	73.08	76.34

4. EXTENT OF METERING OF WATER SUPPLY CONNECTIONS

Item	Unit	2017-2018	2018-2019
4.1 Non domestic incl. commercial/Indus/Instl. (Metered Functional)	Number	1025	1025
4.2 Non domestic incl. commercial/Indus/Instl. (Metered Non-Functional)	Number	35	35
4.3 Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number	0	0
Non domestic incl. commercial/Indus/Instl. (Total)	Number	1060	1060
4.4 Public taps, stand posts and hand pumps (Metered Functional)	Number	0	0
4.5 Public taps, stand posts and hand pumps (Metered Non-Functional)	Number	0	0
4.6 Public taps, stand posts and hand pumps (Unmetered)	Number	954	954
Public Taps (Total)	Number	954	954
Total number of metered and functional connections (domestic, bulk supply, others)	Number	79124	81965
Total number of Water Supply Connections	Number	89931	96579

5. CONTINUITY OF WATER SUPPLY

Water Supply Frequency

Item	Unit	2017-2018	2018-2019
5.1 Days of supply per month	Number	30	30
5.2 Hours of supply per day to consumer	Hours	3.0	3.0

6. EFFICIENCY OF REDRESSAL OF COMPLAINTS

Consumer Services

Item	Unit	2017-2018	2018-2019
6.1 Complaints received during the year	Number	3100	1841
6.2 Complaints resolved within 24 hours during the year	Number	3000	1801

7. QUALITY OF WATER SUPPLIED

Treated Water Quality Surveilance

Item	Unit	2017-2018	2018-2019
7.1 Residual Chlorine - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	7900	8200
7.2 Residual Chlorine - No. of Samples taken at intermediate points (in a year)	Number	6200	6500
7.3 Residual Chlorine - No. of Samples taken at consumer end (in a year)	Number	1600	2000
7.4 Total Samples taken for Residual Chlorine tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Residual Chlorine tests	Number	15700	16700
7.5 Number of Samples Passed	Number	15650	16520
7.6 Physical/Chemical - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	4	4
7.7 Physical/Chemical - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.8 Physical/Chemical - No. of Samples taken at consumer end (in a year)	Number	0	0
7.9 Total Samples taken for Physical/Chemical tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Physical and Chemical tests	Number	4	4
7.10 Number of Samples Passed	Number	4	4
7.11 Bacteriological - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	300	300
7.12 Bacteriological - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.13 Bacteriological - No. of Samples taken at consumer end (in a year)	Number	1600	1600
7.14 Total Samples taken for Bacteriological tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Bacteriological tests	Number	1900	1900
7.15 Number of Samples Passed	Number	1700	1850
Total Number of Samples taken for all types of tests	Number	17604	18604
Total Tests Passed	Number	17354	18374

8. COST RECOVERY IN WATER SUPPLY SERVICES

Financial Information - Operating Expenses

Item	Unit	2017-2018	2018-2019
8.1 Regular Staff and administration	Rs. Lakhs	593.35	554.94
8.2 Outsourced/Contract Staff Costs	Rs. Lakhs	0.0	0.0
8.3 Electricity Charges/Fuel Costs	Rs. Lakhs	1177.71	1138.61
8.4 Chemical Costs	Rs. Lakhs	15.63	11.25
8.5 Repairs/Maintenance Costs	Rs. Lakhs	416.38	375.16
8.6 Bulk (Raw/Treated) Water Charges	Rs. Lakhs	131.0	126.12
8.7 Other Costs	Rs. Lakhs	1.75	1.37
Total Operating Expenditure	Rs. Lakhs	2335.82	2207.45

Financial Information - Operating Revenues

Item	Unit	2017-2018	2018-2019
8.8 Arrears at the beginning of the Current year	Rs. Lakhs	21045.02	25359.02
8.9 Revenue demand from user charges	Rs. Lakhs	4314.0	4429.95
8.10 Revenue demand from tax/cess - Water Service only	Rs. Lakhs	0.0	0.0
8.11 Revenue demand from other revenues (eg. connection costs/Donations etc)	Rs. Lakhs	30.0	30.0
Total Revenue Demand for the current year	Rs. Lakhs	4344.00	4459.95

9 COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES

Item	Unit	2017-2018	2018-2019

9.1 Total Revenue Demand(from user charges, taxes etc)	Rs. Lakhs	4344.00	4459.95
9.2 Collection against arrears	Rs. Lakhs	400.0	450.0
9.3 Collection against the current demand of the year	Rs. Lakhs	2366.93	2211.78

10 Additional Information (Optional)

Staff Information

Item	Unit	2017-2018	2018-2019
10.1 Senior Management (Sanctioned)	Number	1	1
10.2 Senior Management (Working)	Number	1	1
10.3 Engineers (Sanctioned)	Number	7	7
10.4 Engineers (Working)	Number	7	6
10.5 Clerks/Accountants (Sanctioned)	Number	2	2
10.6 Clerks/Accountants (Working)	Number	2	1
10.7 Work Inspectors/Meter Readers (Sanctioned)	Number	40	40
10.8 Work Inspectors/Meter Readers (Working)	Number	9	8
10.9 Electricians/Fitters (Sanctioned)	Number	10	10
10.10 Electricians/Fitters (Working)	Number	2	0
10.11 Lines men/plumbers (Sanctioned)	Number	18	18
10.12 Lines men/plumbers (Working)	Number	9	8
10.13 Labourers (Sanctioned)	Number	150	150
10.14 Labourers (Working)	Number	46	47
Total (Sanctioned)	Number	228	228
Total (Working)	Number	76	71

Connection Costs for Water Connections

Item	Unit	2017-2018	2018-2019
10.15 Residential - General	Rs.	2020	4520
10.16 Residential - Urban Poor	Rs.	2020	4520
10.17 Institutional	Rs.	3520	8520
10.18 Commercial	Rs.	3520	21520
10.19 Industrial	Rs.	3520	21520

Water Tariff Structure - Flat Rate Tariff

Item	Unit	2017-2018	2018-2019
10.20 Residential - General	Rs./Month	463.0	510.0
10.21 Residential - Urban Poor	Rs./Month	463.0	510.0
10.22 Institutional	Rs./Month	711.0	782.0
10.23 Commercial	Rs./Month	1783.0	1961.0
10.24 Industrial	Rs./Month	1783.0	1961.0

Water Tariff Structure - Volumetric Tariff

Item	Unit	2017-2018	2018-2019
10.25 Residential - General	Rs./KL	15.7	17.3
10.26 Residential - Urban Poor	Rs./KL	15.7	17.3
10.27 Institutional	Rs./KL	30.3	33.3
10.28 Commercial	Rs./KL	72.0	79.9
10.29 Industrial	Rs./KL	72.0	79.9

Remark

☐ Update

Item	Unit	2017-2018	2018-2019

Remark

General Information | Water Supply | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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About CEPT

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

SEWERAGE AND DRAINAGE : FY 2018-2019

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1. COVERAGE OF TOILETS

Sanitation Coverage

Item	Unit	2017-2018	2018-2019
1.1 Total Number of Properties in the City	Number	156063	159071
1.2 Properties with toilets	Number	150940	153948
1.3 Households dependent on functional community toilets	Number	5123	5123
1.4 Total Number of Properties with access to toilets	Number	156063	159071

2. COVERAGE OF SEWAGE NETWORK SERVICES

Item	Unit	2017-2018	2018-2019
2.1 Total Number of Properties in the City	Number	156063	159071
2.2 Properties with sewer connections	Number	760	3203
2.3 Properties with onsite sanitary disposal	Number	15533	155868.00

3. COLLECTION EFFICIENCY OF SEWAGE NETWORK

Waste Water Production - Volume of Water Consumed and Waste Water Generated

Item	Unit	2017-2018	2018-2019
3.1 Volume of water consumed and billed from Domestic Connections	MLD	53.65	56.91
3.2 Volume of water consumed and billed from Bulk supply - Apartments	MLD	3.85	3.85
3.3 Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD	4.6	4.6
3.4 Volume of water consumed and billed from Non domestic Connections	MLD	2.5	2.5
3.5 Volume of water consumed (both billed and unbilled) from Public taps	MLD	16.96	16.96
3.6 Volume of water from free supplies (other connections)	MLD	0.00	0.00
3.7 Volume of water consumed and billed from any other ULB sources	MLD	0.0	0.0
3.8 Volume of water consumed from any Non ULB water sources	MLD	4.5	4.5
3.9 Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD	86.06	89.32
3.10 Volume of waste water generated from Domestic Water Consumption	MLD	42.92	45.53
3.11 Volume of waste water generated from Bulk Supply - Apartments	MLD	3.08	3.08
3.12 Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD	3.68	3.68
3.13 Volume of waste water generated from Non Domestic Water Consumption	MLD	2.00	2.00
3.14 Volume of waste water generated from Public Tap Water Consumption	MLD	13.57	13.57
3.15 Volume of waste water generated from free supplies (other connections)	MLD	0.00	0.00
3.16 Volume of waste water generated from other ULB source water consumption	MLD	0.00	0.00
3.17 Volume of waste water generated from Non ULB source Water consumption	MLD	3.60	3.60

Total Waste Water Generated	MLD	68.85	71.46

Waste Water Collection and Treatment

Item	Unit	2017-2018	2018-2019
3.18 Volume of sewage actually treated at the Primary Treatment Plant	MLD	7.5	8.0
3.19 Volume of sewage actually treated at Secondary Treatment Plant	MLD	7.5	8.0
3.20 Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	7.50	8.0

4. ADEQUACY OF SEWAGE TREATMENT CAPACITY

Item	Unit	2017-2018	2018-2019
4.1 Installed Capacity of Primary Treatment Plant	MLD	74.5	74.5
4.2 Installed Capacity of Secondary Treatment Plant	MLD	74.5	74.5
4.3 Total Installed Capacity (Primary / Secondary Treatment)	MLD	74.5	74.5
4.4 Total Waste Water Generated	MLD	68.85	71.46

5. EXTENT OF REUSE AND RECYCLING OF SEWAGE

Item	Unit	2017-2018	2018-2019
5.1 Volume of sewage actually treated at Secondary Treatment Plant	MLD	7.5	8.0
5.2 Volume of treated waste water reused after Secondary Treatment	MLD	0.0	0.0

6. QUALITY OF SEWAGE TREATMENT

Discharge Compliance after Secondary Treatment of Sewage

Item	Unit	2017-2018	2018-2019
6.1 Number of Treated Effluent Samples Tested in a year	Number	24	24
6.2 Number of Treated Effluent Samples Passed in a year	Number	24	24

7. EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS

Consumer Services

Item	Unit	2017-2018	2018-2019
7.1 Sewage related Complaints received during the year	Number	10	10
7.2 Sewage related Complaints resolved within 24 hours during the year	Number	10	10

8. EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT

Financial Information - Annual Operating Expenses

Item	Unit	2017-2018	2018-2019
8.1 Regular Staff and Administration	Rs.Lakhs	280.0	280.0
8.2 Outsourced /Contract Staff Costs	Rs.Lakhs	18.5	18.5
8.3 Electricity Charges /Fuel Costs	Rs.Lakhs	41.2	41.2
8.4 Chemicals Costs	Rs.Lakhs	0.0	0.0
8.5 Repairs/Maintenance Costs	Rs.Lakhs	4.5	4.5
8.6 Contractor Costs for O&M	Rs.Lakhs	1700.0	1700.0
8.7 Ohers (Specify)	Rs.Lakhs	0.0	0.0
Total Annual Operating Expenses	Rs.Lakhs	2044.20	2044.20

Financial Information - Annual Operating Revenues

Item	Unit	2017-2018	2018-2019
8.8 Arrears at the beginning of the current year	Rs.Lakhs	0.0	0.0
8.9 Revenue demand from user charges - sewerage only	Rs.Lakhs	0.0	0.0
8.10 Revenue demand from tax/cess - sewerage only	Rs.Lakhs	0.0	0.0
8.11 Revenue demand from other sources (eg. connection costs/septage emptying charges/donations etc.)	Rs.Lakhs	2.12	2.12
Total Revenue Demand for current year	Rs.Lakhs	2.12	2.12

Total Revenue Demand for current year	Rs.Lakhs	2.12	2.12

9. EFFICIENCY IN COLLECTION OF SEWAGE CHARGES

Consumer Services

Item	Unit	2017-2018	2018-2019
9.1 Total Revenue Demand for current year	Rs.Lakhs	2.12	2.12
9.2 Collection against arrears	Rs.Lakhs	NA	NA
9.3 Collection against current demand	Rs.Lakhs	NA	NA

10. Storm Water Drainage Data

COVERAGE OF STORM WATER DRAINAGE NETWORK

Item	Unit	2017-2018	2018-2019
10.1 Total Length of Road Network	Kilometers	1115.67	1115.67
10.2 Total Length of Pucca covered drains	Kilometers	29.6	29.6

INCIDENCE OF WATER LOGGING/FLOODING

Item	Unit	2017-2018	2018-2019
10.3 Number of Flood Prone Points in the city	Number	0.0	0.0
10.4 Average Frequency of Flooding	Number	0.0	0.0

11. Additional Information (Optional)

Staff Information

Item	Unit	2017-2018	2018-2019
11.1 Senior Management (Sanctioned)	Number	0	0
11.2 Senior Management (Working)	Number	0	0
11.3 Engineers (Sanctioned)	Number	0	0
11.4 Engineers (Working)	Number	0	0
11.5 Clerks/Accountants (Sanctioned)	Number	0	0
11.6 Clerks/Accountants (Working)	Number	0	0
11.7 Labourers/Cleaners (Sanctioned)	Number	320	320
11.8 Labourers/Cleaners (Working)	Number	320	320
Total (Sanctioned)	Number	320	320
Total (Working)	Number	320	320

Septage Management

Item	Unit	2017-2018	2018-2019
11.9 Does the ULB practice septage management	Yes/No	YES	YES
11.10 Septage sucking machines available within ULB	Number	6	6
11.11 Private Septage machines licenced by ULB	Number	0	0

Connection Costs for Sewerage Connections

Item	Unit	2017-2018	2018-2019
11.12 Residential - General	Rs	250.0	250.0
11.13 Residential - Urban Poor	Rs	250.0	250.0
11.14 Institutional	Rs	250.0	250.0
11.15 Commercial	Rs	250.0	250.0
11.16 Industrial	Rs	250.0	250.0

Sewerage Tariff Structure - Flat Rate Tariff

Item	Unit	2017-2018	2018-2019
11.17 Residential - General	Rs./Month	0.0	0.0
11.18 Residential - Urban Poor	Rs./Month	0.0	0.0
11.19 Institutional	Rs./Month	0.0	0.0
11.20 Commercial	Rs./Month	0.0	0.0

11.21 Industrial	Rs./Month	0.0	0.0

Sewerage Tariff Structure - Volumetric Tariff

Item	Unit	2017-2018	2018-2019
11.22 Residential - General	Rs./KL	NA	NA
11.23 Residential - Urban Poor	Rs./KL	NA	NA
11.24 Institutional	Rs./KL	NA	NA
11.25 Commercial	Rs./KL	NA	NA
11.26 Industrial	Rs./KL	NA	NA

Remark

Update

Item	Unit	2017-2018	2018-2019
Remark		11.17 11.26 No tariff has lavied by M.C.	

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Solid Waste Management : FY 2018-2019

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1. Household Level Coverage Of Solid Waste Management Services

Door to Door Collection - Number of HHs and establishments covered by Door to Door Collection

Item	Unit	2017-2018	2018-2019
1.1 Number of Households covered by Door to Door Collection	Number	153182.0	153182.0
1.2 Number of Hotels and Restaurants covered by Door to Door Collection	Number	528.0	528.0
1.3 Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number	23795.0	23795.0
1.4 Number of any other establishments (incl. markets) covered by Door to Door Collection	Number	98.0	98.0
1.5 Total number of establishments covered by door to door collection (if typewise establishments is not available)	Number	0.0	0.0
Total Number of Households and Establishments covered by Door to Door Collection	Number	177603	177603

2. Efficiency Of Collection Of Municipal Solid Waste

Waste Generation

Item	Unit	2017-2018	2018-2019
2.1 Waste Generated by Households	MT/Month	13000.0	0.0
2.2 Waste Generated by Street Sweeping	MT/Month	0.0	0.0
2.3 Waste Generated by Hotels and Restaurants	MT/Month	135.0	0.0
2.4 Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/Month	400.0	0.0
2.5 Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/Month	225.0	0.0
2.6 Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/Month	1500.0	0.0
2.7 Total Waste Generated (if typewise generation is not available)	MT/Month	0.0	15330.0
Total Waste Generated	MT/Month	15260.00	15330.00
Total Waste Generated per capita	Gms/Day/Capita		690.45

Waste Collection and Transportation - Details of waste received at Processing/ Disposal Facilities

Item	Unit	2017-2018	2018-2019
2.8 Quantity of waste received at processing and recycling facilities	MT/Month	0.0	1000.0
2.9 Quantity of waste received at disposal sites	MT/Month	14860.0	13330.0
Total waste received at processing/disposal facility and recycled	MT/Month	15260.00	15330.00

Waste Collection and Transportation - Details of waste transported to Processing/ Disposal Facilities

Item	Unit	2017-2018	2018-2019
2.10 Number of trucks used for transportation of waste	Number	15	15
2.11 Capacity of each trucks	Metric Tons	1.5	1.5
2.12 Total number of trips made by trucks each day to the disposal site	Trips Per Day	5.0	5.0

Total quantity of waste collected by trucks	MT/Month	3375.00	3375.00
2.13 Number of dumper placers used for transportation of waste	Number	15	15
2.14 Capacity of each dumper placer	Metric Tons	1.0	1.0
2.15 Total number of trips made by all dumper placers each day to the disposal site	Trips Per Day	5.0	5.0
Total quantity of waste collected by dumper placers	MT/Month	2250.00	2250.00
2.16 Number of mini lorries used for transportation of waste	Number	0	2
2.17 Capacity of each mini lorry	Metric Tons	0.0	6.0
2.18 Total number of trips made by all mini lorries each day to the disposal site	Trips Per Day	0.0	2.0
Total quantity of waste collected by mini lorries	MT/Month	0.00	720.00
2.19 Number of tractor trailers used for transportation of waste	Number	0	0
2.20 Capacity of each tractor trailer	Metric Tons	0.0	0.0
2.21 Total number of trips made by all tractor trailer each day to the disposal site	Trips Per Day	0.0	0.0
Total quantity of waste collected by tractor trailer	MT/Month	0.00	0.00
2.22 Number of tipper trucks used for transportation of waste	Number	15	15
2.23 Capacity of each tipper trucks	Metric Tons	1.5	1.5
2.24 Total number of trips made by all tipper trucks each day to the disposal site	Trips Per Day	5.0	5.0
Total quantity of waste collected by tipper trucks	MT/Month	3375.00	3375.00
2.25 Number of 3 wheeler auto tippers used for transportation of waste	Number	133	136
2.26 Capacity of each 3 wheeler auto tipper	Metric Tons	0.3137845	0.275
2.27 Total number of trips made by all 3 wheeler auto tippers each day to the disposal site	Trips Per Day	5.0	5.0
Total quantity of waste collected by 3 wheeler auto tippers	MT/Month	6260.00	5610.00
Total quantity of waste collected and transported to disposal site	MT/Month	15260.00	15330.00

3. Extent Of Segregation Of Municipal Solid Waste

Segregation of Waste

Item	Unit	2017-2018	2018-2019
3.1 Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/Month	0.0	0.0
3.2 Quantity of waste taken away by recycler from intermediate points	MT/Month	400.0	1000.0

4. Extent Of Municipal Solid Waste Recovered

Quantity of Waste Processing

Item	Unit	2017-2018	2018-2019
4.1 Installed Capacity of Composting Plant	MT/Month	0.0	0.0
4.2 Waste Quantity Input at the Composting Plant	MT/Month	0.0	0.0
4.3 Installed Capacity of Vermi-composting Plant	MT/Month	0.0	1000.0
4.4 Waste Quantity Input at the Vermi-composting Plant	MT/Month	0.0	1000.0
4.5 Installed Capacity of Refuse Derived Fuel	MT/Month	0.0	0.0
4.6 Waste Quantity Input at the Refuse Derived Fuel	MT/Month	0.0	0.0
4.7 Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/Month	0.0	0.0
4.8 Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/Month	0.0	0.0
4.9 Installed Capacity of any other processing facilities	MT/Month	0.0	0.0
4.10 Waste Quantity Input at other processing facilities	MT/Month	0.0	0.0
Total Installed Capacity of Processing facilities	MT/Month	0.00	1000.00
Total Waste Quantity Input at all types of processing facilities	MT/Month	0.00	1000.00
4.11 Quantity of waste rejected by processing facilities at intake point	MT/Month	0.0	0.0
4.12 Quantity of post-processing rejects sent to dumpsite/ landfills	MT/Month	0.0	0.0
Total Waste Processed in the ULB	MT/Month	400.00	2000.00

5. Extent Of Scientific Disposal Of Municipal Solid Waste

Quantity of Waste Disposal

Item	Unit	2017-2018	2018-2019
5.1 Quantity of waste disposed in compliant landfill sites	MT/Month	NA	NA
5.2 Quantity of waste disposed in open dump sites	MT/Month	14860.0	8200.0

6. Efficiency In Redressal Of Customer Complaints

Customer Service

Item	Unit	2017-2018	2018-2019
6.1 Complaints received during the year	Number	60326.0	30419.0
6.2 Complaints resolved within 24 hours during the year	Number	57303.0	30194.0

7. Extent Of Cost Recovery In SWM Services

Financial Information - Operational Expenditure on SWM during previous year

Item	Unit	2017-2018	2018-2019
7.1 Regular Staff & Administration	Rs In Lakh	1200.0	1320.0
7.2 Outsourced/Contracted Staff Costs	Rs In Lakh	1700.0	1840.0
7.3 Electricity Charges/Fuel Costs	Rs In Lakh	72.0	80.0
7.4 Chemical Costs	Rs In Lakh	18.5	20.5
7.5 Repair/Maintenance Costs	Rs In Lakh	41.5	45.0
7.6 Contracted Services Cost	Rs In Lakh	900.0	1000.0
7.7 Other Costs (Specify)	Rs In Lakh	0.0	0.0
Total Operational Expenses	Rs In Lakh	3932.00	4305.50

Financial Information - Operational Revenues from SWM during previous year

Item	Unit	2017-2018	2018-2019
7.8 Arrears at the beginning of current year	Rs In Lakh	0.0	0.0
7.9 Tax / Cess - Solid Waste only	Rs In Lakh	0.0	0.0
7.10 User Charges	Rs In Lakh	0.0	0.0
7.11 Fixed Charges based on Property Tax/ State Taxes/Cess/Surcharges	Rs In Lakh	0.0	0.0
7.12 Sale of Recyclables	Rs In Lakh	0.0	0.0
7.13 Sale from processing - compost/energy	Rs In Lakh	0.0	0.0
7.14 Royalty	Rs In Lakh	0.0	0.0
7.15 Others (Specify)	Rs In Lakh	0.0	30.0
Total Revenue Demand Raised for the current year	Rs In Lakh	0.00	30.00

8. Efficiency In Collection Of SWM Charges

Item

Item	Unit	2017-2018	2018-2019
8.1 Total Revenue Demand Raised for the current year	Rs In Lakh	0.00	30.00
8.2 Collection against arrears	Rs In Lakh	NA	NA
8.3 Collection against Current Demand	Rs In Lakh	NA	NA

9 Additional Information(Optional)

Staff Information

Item	Unit	2017-2018	2018-2019
9.1 Senior Management-Health Officer (Sanctioned)	Number	1	1
9.2 Senior Management-Health Officer (Working)	Number	1	1
9.3 Sanitary Inspector (Sanctioned)	Number	22	22

9.4 Sanitary Inspector (Working)	Number	22	22
9.5 Sanitary Supervisor (Sanctioned)	Number	43	43
9.6 Sanitary Supervisor (Working)	Number	43	43
9.7 Maistries/Safai Karam chari (Sanctioned)	Number	815	815
9.8 Maistries/Safai Karam chari (Working)	Number	768	768
9.9 Cleaners/Drivers (Sanctioned)	Number	18	18
9.10 Cleaners/Drivers (Working)	Number	18	18
9.11 Laborers (Sanctioned)	Number	0	0
9.12 Laborers (Working)	Number	0	0
9.13 Others Specify	Number	1230	1230
Total (Sanctioned)	Number	899	899
Total (Working)	Number	2082	2082
9.14 Are daily records of waste received at compliant landfill maintained (MSW 2000)	Yes/No	NA	NA
9.15 Is weigh-bridge available at landfill site?	Yes/No	NA	NA
9.16 Are daily records of waste received at open dumpsites maintained?	Yes/No	YES	YES
9.17 Is weigh-bridge available at dump-site?	Yes/No	NO	NO

User charges

Item	Unit	2017-2018	2018-2019
9.18 Residential	Rs/Month	NA	NA
9.19 Slum HH	Rs/Month	NA	NA
9.20 Commercial Establishment	Rs/Month	NA	NA
9.21 Fixed charge through property tax	Rs/Month	NA	NA
9.22 Others	Rs/Month	NA	NA

Remark

Update

Item	Unit	2017-2018	2018-2019
Remark			

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Equity Related Information : FY 2018-2019

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1. Slums

General Details

Item	Unit	2017-2018	2018-2019
1.1 Number of slum settlements	Number	126	126
1.2 Population in slums	Number	292374	292374
1.3 Households in slums	Number	58800	58800
1.4 Household size in slums	Ratio	5.0	5.0
1.5 Total number of slums notified by state	Number	107	107
1.6 Number of slums that have been de notified in the current year	Number	19	19

Services in slums at city level

Item	Unit	2017-2018	2018-2019
1.20 Number of settlements which have an internal water supply network	Number	107	107
1.21 Number of individual water connections in slums	Number	17667	17667
1.23 Number of group connections in slums	Number	0	0
1.24 Number functional stand posts in slums	Number	933	933
1.25 Number of stand posts converted to group connections for slums	Number	0	0
1.26 Number of individual toilets in slums	Number	54215	55000
1.28 Number of seats in pay-n-use toilets (functional toilets) in slums	Number	480	NA
1.29 Number of seats in community toilets (functional toilets) in slums	Number	1802	1612
1.30 Number of settlements which have an internal underground sewerage network	Number	NA	0
1.31 Number of sewerage connections in slums	Number	NA	0
1.33 Number of slum HHs served by door to door collection of MSW (Municipal Solid Waste)	Number	58800	58800

2. Water supply

Network details

Item	Unit	2017-2018	2018-2019
2.1 Length of trunk main (Source to treatment plant)	Km	57.0	57.0
2.2 Length of transmission mains (Treatment plant to distribution station)	Km	19.0	19.0
2.3 Length of trunk and/or transmission mains that have undergone renovation	Km	0.0	0.0
2.4 Length of distribution network	Km	850.0	850.0
2.5 Number of pipe breaks in the current year	Number	22.0	22.0
2.6 Total area under water distribution network	Sq Km	121.0	121.0
2.7 Length of road network	Km	1115.67	1115.67

Source level details

Item	Unit	2017-2018	2018-2019
2.8 Average daily quantity of water supplied from ground sources	MLD	0.0	0.0
2.9 Average daily quantity of water supplied from own surface sources	MLD	0.0	0.0
2.10 Average daily quantity of water supplied from bulk raw purchase	MLD	109.0	109.5
2.11 Average daily quantity of water supplied from bulk treated water	MLD	0.0	0.0
2.12 Average daily quantity of water supplied from other sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
2.13 Total daily quantity of water supplied from source	MLD	109.00	109.500
2.14 Average daily quantity of water supplied from WDS (Water distribution station)	MLD	96.0	109.0
2.15 Average pressure at WDS (Water distribution station)	Meters	5.0	5.0
2.16 Average pressure at consumer end	Meters	3.0	3.0
2.17 Does the ULB conduct regular assessment of availability of sources through preparation of depletion statements, etc?	Yes/No	NO	NO
2.18 Capacity addition/augmentation to present supply of water commissioned over next 3 years from projects/schemes/bulk purchase	MLD	61.0	61.0

Audits

Item	Unit	2017-2018	2018-2019
2.19 Has the ULB conducted studies for preliminary or detailed water audits?	Yes/No	YES	YES
2.20 Has the ULB conducted studies for energy audits?	Yes/No	YES	YES
2.21 Number of pumps at water source, treatment and distribution points inspected in the current year	Number	7.0	7.0
2.22 Number of pumps replaced/repaired in the current year	Number	0.0	0.0

Metering

Item	Unit	2017-2018	2018-2019
2.24 Number of consumer meters that are repaired/replaced in the current year	Number	2000.0	3000.0
2.25 Metered consumption (where consumer meters are functional)	MLD	67.0	71.0
2.26 Number of connections exempted from property tax/ water bills	Number	0	0

Unauthorised Connections

Item	Unit	2017-2018	2018-2019
2.29 Does the ULB have any measures to identify and/or regularise illegal connections?	Yes/No	YES	YES
For Water supply			
2.30 illegal connections	Number	960	960
2.31 % of illegal connections regularised	Percent	10.0	20.0
For Wastewater			
2.32 illegal connections	Number	NA	ND
2.33 % of illegal connections regularised	Percent	NA	ND

3. Sewerage and/or sullage network

Type of system

Item	Unit	2017-2018	2018-2019
3.1 Does the ULB have an underground piped network?	Yes/No	YES	YES
3.2 Total length of underground piped network	Km	249.06	249.06
3.3 Total area covered by underground piped network	Sq Km	34.3	34.3
3.4 Does the ULB have a covered drainage network?	Yes/No	YES	YES
3.5 Length of covered drainage network	Km	29.6	29.6
3.6 Area covered by covered drainage network	Sq Km	2.9	2.9
3.7 Does the ULB have open drainage network?	Yes/No	YES	YES
3.8 Length of open drainage network	Km	312.0	312.0
3.9 Area covered by open drainage network	Sq Km	85.8	85.8

Augmentation and efficiency of network

Item	Unit	2017-2018	2018-2019
3.10 Does the ULB have a plan to develop/augment its sewer network?	Yes/No	YES	YES
3.11 Does the ULB contract out services related to O&M operations for sewerage?	Yes/No		NO
3.12 Number of HHs with individual toilets in the city	Number	148059	149877.00
3.13 Number of HHs with toilets connected to sewer network in the city	Number	729	3203
3.14 Number of residential sewer connections in the city	Number	729	3203
3.15 Number of non-residential sewer connections in the city	Number	31	0
3.16 Total no. of community toilet seats in city (including mobile toilet / public toilet which are used by community)	Number		2063
3.17 Total no. of functional community toilet seats in city	Number	2063	2063
3.18 Number of functional community toilet seats connected to sewer network	Number	60	60
3.19 Number of sewer overflows reported in the current year	Number	0	0
3.20 Does the ULB have a sewage treatment plant?	Yes/No	YES	YES
3.21 If Yes, specify type of treatment			Activated sludge

Reuse of wastewater

Item	Unit	2017-2018	2018-2019
3.22 Does the ULB charge for untreated/treated wastewater that is reused?	Yes/No	NO	NO
3.23 If Yes, please specify the rate for untreated wastewater	Rs/MLD	NA	NA
3.24 If Yes, please specify the rate for treated wastewater	Rs/MLD	NA	NA
3.25 Is the untreated waste water being reused?	Yes/No	NO	NO
3.26 If Yes, estimated volume of untreated wastewater reused	MLD	NA	NA
3.27 If Yes, specify the purpose			NA

Means of disposal of waste water

Item	Unit	2017-2018	2018-2019
3.28 Sullage (Grey water from bathroom, kitchen, sink, etc. and outlet of septic tank)			in water bodies
3.29 Untreated sewage			in water bodies
3.30 Treated sewage			in water bodies

In areas of ULB/ULBs with no sewer/drainage network

Item	Unit	2017-2018	2018-2019
3.32 Households with toilets connected to septic tanks	Number	148059	146674
3.33 Households connected to septic tank as per design standards	Number	91116	91116
3.34 Households with septic tank connected to drains / settled sewer	Number	114501	114550
3.35 Houeholds with toilets with septic tank connected to soak pits	Number	33558	32124
3.36 Households with toilets connected to single pit	Number	0	0
3.37 Households with toilets connected to twin pit	Number	0	0
3.38 Households with toilets connected to other safe system (Zero discharge - ecosan toilets, Improved / Package septic tank, Advance onsite treatment - Johkasou, etc)	Number	0	0
3.39 Households with toilets connected to other unsafe system (Night soil disposal, etc)	Number	0	0
3.41 Estimated number of septic tanks / single pits cleaned annually (ULB and Private operators)	Number	1140.0	1210.0
3.42 Total septage generated	Cu.m / Year	167893	166373
3.43 Average capacity of septage sucking machine/ vacuum emptier	Cu.m / Year	3	3
3.44 Number of trips in a year by all sucking machine/ vaccum emptier	Number	573	585
3.45 Total volume of septage collected by septage sucking machines	Cu.m / Year	1719.0	1755
3.46 Total quantity of septic tank effluent collected through settled sewer / drain at the inlet of treatment plant / disposal point	MLD	51.46	52.81
3.47 Charge levied by agency for emptying septic tanks inside city limits	Rs/trip	1000	1000
3.48 Charge levied by agency for emptying tanks outside city limits	Rs/trip	1000	1000

3.49 Does the ULB have facilities to treat septage?	Yes/No	YES	YES
3.50 If Yes, then specify type of treatment faciltity		1	Co-treatment at own
Enter city name where septage is being treated			NA
If Yes, then specify treatment technology of STP or FSTP			NA
3.51 If yes, then specify installed capacity of septage treatment facility	Cu.m / Year	NA	NA
3.52 If yes, then specify quantity of septage received at treatment facility	Cu.m / Year	1719.0	1755.0
3.53 If yes, then specify quantum of treated septage reused after treatment	Kgs / Year	1163500.0	1163500.0
3.54 Number of Treated Septage Samples Tested in a year	Number	24.0	24.0
3.55 Number of Treated Septage Samples Passed in a year	Number	24.0	24.0
3.56 Location of disposal of untreated septage			Open dumps
3.57 Does ULB have treatmet plant for grey water / effluent collected from settled sewers/drains ?	Yes/No	YES	YES
3.58 If yes, specify type of treatment?		74.5	At existing STP
3.59 If yes, specify installed capacity of treatment plant?	MLD		74.5
3.60 If yes, specify quantity of effluent received at treatment plant	MLD	7.0	7.0
3.61 If yes, specify quantity of treated effluent reused	MLD	0.0	0.0
3.62 Number of treated effluent samples tested in a year	Number	24	24
3.63 Number of treated effluent samples passed in a year	Number	24	24

4. Solid Waste Management

Item	Unit	2017-2018	2018-2019
4.1 Total number of wards in the city	Number	22	22
Number of wards covered by primary collection agencies for SWM			
4.2 ULB	Number	0	0
4.3 Private Agencies	Number	22	22
4.4 Resident Welfare Associations	Number	0	0
4.5 Non Governmental Organization (NGO) / Community Based Organization (CBOs)	Number	0	0
4.6 Number of sweepers deployed for road sweeping	Number	861	861
4.7 Total length of road swept	Km	256.0	256.0
4.8 Number of secondary storage bins	Number	350.0	210.0
4.9 Capacity of secondary storage bins	Tonnes	2.0	2.0
4.10 Frequency of secondary collection of waste in a week	Days	7.0	7.0
Does the ULB contract out services related to			
4.11 Secondary collection?	Yes/No	YES	YES
4.12 Transportation?	Yes/No	YES	YES
4.13 Treatment?	Yes/No	NO	NO
4.14 Disposal?	Yes/No	NO	YES

5. Financial Details for ULB

Capital receipts of ULB

Item	Unit	2017-2018	2018-2019
5.1 Grants (financial award given by the state or central government for capital work only)	Rs. Lakhs	12396	32922
5.2 Borrowings / loans	Rs. Lakhs	0	0
5.3 Others	Rs. Lakhs	0.0	0.0
Total	Rs. Lakhs	12396.00	32922.00

Capital expenditure of ULB

5.4 Water supply	Rs. Lakhs	6384.0	1420.0
5.5 Wastewater	Rs. Lakhs	3723.0	2050.0

5.6 MSWM (Solid waste management)	Rs. Lakhs	5556.0	2000.0
5.7 Others	Rs. Lakhs	5302.0	31040.0
Total	Rs. Lakhs	20965.00	36510.00

Revenue Receipts of ULB

5.8 Own Tax Revenue Income	Rs. Lakhs	14830.0	15777.0
5.9 Non-Tax Revenue Income	Rs. Lakhs	852.0	1016.0
5.10 Revenue Grants & Contribution	Rs. Lakhs	2066.0	4664.0
Total	Rs. Lakhs	17748.00	21457.00

Revenue Expenditure of ULB

5.11 Establishment Expenditure	Rs. Lakhs	10703.0	11750.0
5.12 Operations and maintenance	Rs. Lakhs	2073.0	2127.0
5.13 Outsourcing / Contract	Rs. Lakhs	350.0	364.0
5.14 Others	Rs. Lakhs	16050.0	16231.0
Total	Rs. Lakhs	29176.00	30472.00
5.15 Total Extraordinary Income of ULB	Rs. Lakhs	0.0	0.0
5.16 Total Extraordinary Expenditure of ULB	Rs. Lakhs	0.0	0.0

Property tax details for ULB

5.17 Arrears at the beginning of current year	Rs. Lakhs	1792.46	1050.9
5.18 Current year billed demand	Rs. Lakhs	2929.88	3352.43
5.19 Collection against arrears	Rs. Lakhs	1363.06	630.54
5.20 Collection against current year demand	Rs. Lakhs	2308.38	3056.28

Outstanding Payments of ULB

5.21 Total payment due to the state electricity board for oustanding electricity bills and penalties	Rs. Lakhs	1440	400
5.22 Total payments due for bulk supply (irrigation) including charges and penalties	Rs. Lakhs	1300	1300
5.23 Repayment of loans	Rs. Lakhs	0.0	0.0
5.24 Others	Rs. Lakhs	0.0	0.0
5.24 Total	Rs. Lakhs	2740.00	1700.00

Improving Collection efficiency

Item	Unit	2017-2018	2018-2019
5.29 Does the ULB facilitate payment of bills through banks?	Yes/No	YES	YES
5.30 Does the ULB have various mechanisms to facilitate collection of bills at ward level like e-kiosks, civic centres,etc?	Yes/No	YES	YES
5.31 Does the ULB outsource its bill collections to private agencies, etc?	Yes/No	NO	NO
5.32 What is the penalty for late payment?	%	NA	NA

Remark

Item	Unit	2017-2018	2018-2019
Remark		Activated Sludge Treatment is used at existing STP	

General Information | Water Supply | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

RELIABILITY ASSESSMENT: FY 2018-2019

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1. Coverage

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
1.1 What is the basis of estimation of			
HHs served with individual water supply connections	1.Through household surveys (1-5 yrs)	NO	NO
	2.Through property tax/billing records	NO	NO
	3. Number of residential connections	YES	YES
	4. Past trends/surveys	NO	NO
	5. Area covered by distribution network	NO	NO
	6. Road covered by network length	NO	NO
Properties served with toilets (individual + community)	1. Through household surveys (1-5 yrs)	YES	YES
	2. Through property tax records	YES	YES
	3. Area covered by toilet facilities	YES	YES
Properties served with sewerage connections	1. through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records	NO	NO
	3. Number of sewer connections	YES	YES
	4. Past trends/surveyse	NO	NO
	5. Area covered by sewer network	YES	YES
	6. Road length covered by sewerage	YES	YES
Households served with septic tank connections / twin pit system	1. Through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records or BU permission records	NO	NO
	3. Past trends/surveys	NO	NO
	4. Area covered by septic tank	NO	NO
HHS and established served by door to door collection.	1. Through household surveys (1-5 yrs)	NO	NO
	2. Quantity of waste collected	NO	NO
	3. No. of wards served	NO	NO
1.2 How are records of HHs served by water supply maintained?	1. Computerised	YES	YES
	2. Only Manual	NO	NO
How are records of population saved maintained for			
Toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

Onsite sanitation system	1. Computerised	NO	ND
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	NO	ND
	2. Only Manual	YES	YES
How are connection registers maintained for			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Storm Water Drains			
What is the basis of estimation of length of pucca and covered drains?	1. Ground level surveys (1-5 yrs)	NO	NO
	2. Based on road maps (<5 yrs old)	YES	YES
How are flood prone points identified in the city?	1. Flood monitoring stations	YES	YES
	2. Complaints/reports from citizens	YES	YES

2. Coverage in slums

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
2.1 What is the basis of estimation of population/HHs in slums?	1. Recent Survey (1-3yrs)	YES	YES
	2. Past Survey	NO	NO
2.2 What is the basis of estimation of UWSS services provided in slums?	1. Recent Survey (1-3yrs)	NO	NO
	2. Past Survey	NO	NO
How are records of information on slums maintained for?			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	NO	NO
Onsite sanitation system	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Individual toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	NO	NO
	2. Only Manual	YES	YES

3. Water Production, treatment and consumption

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
Basis of measurement of water produced at WTP/tube wells	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
Basis of measurement of water supplied from bulk distribution points	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
	3. Periodic sample surveys	NO	NO
How are records maintained at WTP/tube wells?	1. Computerised	NO	NO
	2. Only Manual	YES	YES
How are records maintained at bulk distribution points like ESRs, etc?	1. Computerised	YES	YES
	2. Only Manual	NO	NO

4. Quality of Water

Reliability parameters for water supply, wastewater, SWM and SWD	2017-2018	2018-2019

Are proper records of samples conducted and passed/failed at source, WTP/bore wells, bulk distribution points and consumer end maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	YES	YES
	2. Accredited centres regularly	NO	NO
	3. Third party agencies intermittently	NO	NO
How are audits to monitor water quality procedures carried out?	1. by independent agencies periodically	NO	NO
	2. ULB itself occassionally	YES	YES
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

5. Continuity of water supplied

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
How is the duration of water supplied for the city estimated?	1. Valve operating points across zones	YES	YES
	2. Periodic surveys	NO	NO
	3. Feedback from city field engineers	NO	NO
Is adequacy of pressure and hours of supply at consumer end assessed?		NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

6. Metering of Water Connections

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
Are meters installed at consumer level?		YES	YES
Extent of metering of connections	1. At all consumer points	YES	YES
	2. Only bulk & commercial consumers	NO	NO
How are functional meters assessed?	1. Regular reading and billing of meters	YES	YES
	2. Spot checks	NO	NO
How is household consumption estimated?	1. Meters installed at all consumer points	YES	YES
	2. Periodic Survey	NO	NO
	3. Spot Survey	NO	NO
	4. Ferrule size and hours of supply	NO	NO
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

7. Wastewater collection and treatment

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
How is quantity of wastewater collected by network estimated?	1. Bulk flow meters at inlet of treatment plants	NO	NO
	2. V-Notch at outlet of channel	YES	YES
	3. Installed Plant Capacity	NO	NO
How is quantity of wastewater actually treated estimated?	1. Bulk flow meters at inlet of treatment plants	NA	NA
	2. V-Notch at outlet of channel	NA	NA
	3. Installed Plant Capacity	NA	NA
How treatment plant system capacity is assessed?	1. Through rigorous testing and commissioning procedures	YES	YES
	2. On the basis of reliable operational data	NA	NA
	3. No estimate of treatment capacity that is actually functional and in operation	NA	NA
How is quantity of septage collected estimated?	1.Bulk meters at inlet of treatment plant	NA	NO
	2. Register maintained for number and volume of trucks	NO	YES

	emptier at the treatment plant or dump site		
	2. Installed Plant Capacity	NO	NO
	4. Number of septic tank cleaned annually	NO	NO
How quantity of septage actually treated estimated?	1.Weighing scale at outlet of treatment plant	YES	YES
	2. Installed Plant Capacity	NA	NA
Record keeping of wastewater and septage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

8. Quality of Wastewater

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
Are proper records of samples conducted and passed/failed for all parameters (BOD, COD, etc) maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	NO	NO
	2. Accredited centres regularly	YES	YES
How are audits to monitor waste water quality procedures carried out?	1. by independent agencies periodically	YES	YES
	2. ULB itself occassionally	NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

9. SWM

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
How is quantity of waste generated estimated?	1. Quarterly/ sample surveys	NO	NO
	2. Per capita waste generation	YES	YES
How is quantity of waste segregated estimated?	1. Measurement at treatment/disposal site	NA	NA
	2. HHs & establishments with two bins	NA	NA
	3. Inputs from door to door collection agencies	NA	NA
Estimation of municipal waste received at			
Treatment plant	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Scientific landfil	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Open dumps	1. Weighbrige	NO	NO
	2. On the basis of Trips	YES	YES
	3. Aggregate mass balance	NO	NO
Record keeping at			
Treatment plant	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Scientific landfil	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Open dumps	1. Computerised	NO	NO
	2. Only Manual	YES	YES

10. Finance

Reliability parameters for water supply, wastewater, SWM and SWD	2017-2018	2018-2019

Is regualar (quarterly/annual) reporting of the financial statements conducted to state/central agencies?		YES	YES
Are arrears segregated from current demand in financial statements/budgets?		YES	YES
Extent of segregation of budget heads for			
Water supply	1. Fully	YES	YES
	2. Partially	NO	NO
Wastewater (sewage, sullage, septage, public and community toilets)	1. Fully	NO	NO
	2. Partially	YES	YES
SWM	1. Fully	NO	NO
	2. Partially	YES	YES
Accounting System	1. Accrual-Double entry	NO	NO
	2. Cash Based	YES	YES
	3. Both systems	NO	NO
Are records maintained for charges collected against the specific bill issued?	1. Water supply	YES	YES
	2. Sewerage	YES	YES
	3. SWM	NO	NO
Are DCB tables linked to billing and collection system?		YES	YES
Billing Systems	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Are billing and collection records regularly updated?		YES	YES
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

11. Complaint Redressal System

Reliability parameters for water supply, wastewater, SWM and SWD		2017-2018	2018-2019
Are records of complaints redressed maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
System for Collating, sorting and tracking of complaints			
Water supply	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)	1. Computerised	NO	NO
	2. Only Manual	YES	YES
SWM	1. Computerised	YES	YES
	2. Only Manual	YES	YES
Are the records of types of complaints (low water pressure, no water, sewer blocks, etc) maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
Are multiple mechanisms to register complaints (through telephone, in person, by email) available to the consumers in			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES

Remark

Item	Unit	2017-2018	2018-2019
Remark		-1	-1

About CEPT

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

24x7 WATER SUPPLY IN COMMUNITY AND PUBLIC TOILETS: FY 2018-2019

Go Back to Data Entry

1. COMMUNITY TOILETS

Item	Unit	2017-2018	2018-2019
1.1 Number of community toilet blocks in ULBs	Number	276	277
1.2 Number of community toilet blocks assured 24x7 water supply	Number	276	277
1.3 Number of community toilet blocks connected with municipal water supply connections	Number	0	0
1.4 Number of community toilet blocks connected with bore well	Number	276	277
1.5 Number of community toilet blocks connected with tanker supply	Number	0	0
1.6 Number of community toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.7 Number of community toilet blocks operated and maintained by ULB	Number	246	247
1.8 Number of community toilet blocks operated and maintained by private agency	Number	30	30
1.9 Number of community toilet blocks operated and maintained by community	Number	0	0

2. PUBLIC TOILETS

Item	Unit	2017-2018	2018-2019
1.10 Number of public toilet blocks in ULBs (including public toilets at bus stations, railway stations, markets, etc.)	Number	139	139
1.11 Number of public toilet blocks assured 24x7 water supply	Number	0	0
1.12 Number of public toilet blocks connected with municipal water supply connections	Number	0	0
1.13 Number of public toilet blocks connected with bore well	Number	139	139
1.14 Number of public toilet blocks connected with tanker supply	Number	0	0
1.15 Number of public toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.16 Number of public toilet blocks operated and maintained by ULB	Number	139	139
1.17 Number of public toilet blocks operated and maintained by private agency	Number	0	0
1.18 Number of public toilet blocks operated and maintained by other agency	Number	0	0

Remark

	2017-2018	2018-2019
Remark		

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER-BODIES REJUVENATION AND RAIN WATER HARVESTING : FY 2018-2019

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1. WATER BODIES REJUVENATION

Item	Unit	2017-2018	2018-2019
1.1 Does ULB have water body (i.e. Lakes, Ponds, Tanks, Stepwells/Baolis) in the city?	Yes/No		
1.2 If yes, total number of existing water bodies in the city	Number		
1.3 Total area of water bodies (If more than one then enter total area of all the water bodies)	Sq Km		
1.4 Does city rejuvenated water bodies till August 2018?	Yes/No		
1.5 If yes, number of water bodies rejuvenated before August 2018	Number		
1.6 Total area of water bodies that are rejuvenated before the August 2018 (If more than one then enter total area of all the water bodies that were rejuvenated)	Sq Km		
1.7 Number of water bodies are rejuvenated between September 2018 to August 2019	Number		
1.8 Total area of water bodies that are rejuvenated between September 2018 to August 2019 (If more than one then enter total area of all the water bodies that are rejuvenated)	Sq Km		
1.9 Does city have plan to rejuvenate water bodies next year (September 2019 to August 2020)?	Yes/No		
1.10 If yes, then number of water bodies that will be rejuvenated next year (September 2019 to August 2020)	Number		
1.11 Does ULB conduct pre monsoon cleaning of water bodies ?	Yes/No		
1.12 If yes, number of water bodies cleaned in this year	Number		

Save

2. RAINWATER HARVESTING

Item	Unit	2017-2018	2018-2019
2.1 Total number of properties with RWH structure	Number		
2.2 Does city government completed any RWH project in current financial year?	Yes/No		
2.3 If yes, then number of RWH project completed in this financial year	Number		
2.4 Does ULB link rainwater harvesting (RWH) structure data with property database?	Yes/No		
2.5 Does ULB check functionality of RWH structure?	Yes/No		
2.6 If yes, Number of non-functional RWH structures	Number		

Save

Remark

	2017-2018	2018-2019

Remark

Save

General Information | Water Supply | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

GENERAL INFORMATION: FY 2019-2020

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1. Demographics

Item	Unit	2018-2019	2019-2020
1.1 Population (Census 2001/2011)	Persons	647057	647057
1.2 Decadal Growth Rate of the City	%	17.71	17.71
1.3 Population (Present Year)	Persons	740100	750589
1.4 Number of Households (Census 2001/2011)	Number	136796	136796
1.5 Number of Households (Present Year)	Number	155000	157356
1.6 Family Size (Census 2001/2011)	Persons	4.73	4.73
1.7 Family Size (Present Year)	Persons	4.77	4.77
1.8 Number of Slums (2001/2011)	Number	102	102
1.9 Number of Slums (Present Year)	Number	126	126
1.10 Number of Slum Households (2001/2011)	Number	18000	18000
1.11 Number of Slum Households (Present Year)	Number	58800	60229
1.12 Number of Properties (2001/2011)	Number	83136	83136
1.13 Number of Properties excluding open plots (Present Year)	Number	159071	153187
1.14 Number of Election Wards (2001/2011)	Number	81	81
1.15 Number of Election Wards (Present Year)	Number	22	22
1.16 Town/City Area (Census 2001/2011)	Sq.km	121.65	121.65
1.17 Present Town/City Area	Sq.km	121.65	121.65
Built up area within Municipal Boundary	Sq.km	105.16	107.15
1.18 Population Density (Present Year)	Number	6084.0	6170
1.19 Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2001/2011)	Number	15550	15550
1.20 Number of Commercial and other establishments (offices, institutions, markets,Hotels and Restaurants)(Present Year)	Number	26425	26505

Remark

Item	Unit	2018-2019	2019-2020
Remark			1.13 - data is correct as per records - validation certificate has been submitted.

2. Service Provider Details - Water Supply

2.1 Name of Town/City	Amravati
2.2 Name of the Department/Unit	MJP

2.3 Name of the Head of Department/Unit	Surendra Kopulwar
2.4 Designation of the Department Head	Ex Engineer
2.5 Address	Maltekadi Amravati Division
2.6 Telephone Number	07212551303
2.7 Mobile Number	9421830634
2.8 Fax Number	07212663332
2.9 Email	mail.mjp@gov.in
2.10 Website	mjp.maharashtra.gov.in
2.11 Name of the Contact Person	Mr. Raghuvanshi
2.12 Designation of the contact person	Dy Engineer
2.13 Address	Maltekadi Amravati Division
2.14 Telephone Number	07212663341
2.15 Mobile Number	9371209720
2.16 Fax Number	07212663332
2.17 Email	mail.mjp@gov.in
2.18 Website	mjp.maharashtra.gov.in

3. Service Provider Details - Sewerage and Drainage

3.1 Name of Town/City	Amravati
3.2 Name of the Department/Unit	MJP
3.3 Name of the Head of Department/Unit	Mr. Satish Bakshi
3.4 Designation of the Department Head	Ex Eng.
3.5 Address	MJP Amravati Jail Road Camp
3.6 Telephone Number	9763714301
3.7 Mobile Number	9763714301
3.8 Fax Number	07212663332
3.9 Email	mjpsubn1@gmail.com
3.10 Website	mjp.maharashtra.gov.in
3.11 Name of the Contact Person	darvekar
3.12 Designation of the contact person	Asst Eng
3.13 Address	MJP Amravati Jail Road Camp
3.14 Telephone Number	9657713516
3.15 Mobile Number	9657713516
3.16 Fax Number	07212663332
3.17 Email	dndarwhekar@gmail.com
3.18 Website	mjp.maharashtra.gov.in

4. Service Provider Details - Solid Waste Management

4.1 Name of Town/City	Amravati
4.2 Name of the Department/Unit	Sanitation department
4.3 Name of the Head of Department/Unit	Dr. Seema Naitam
4.4 Designation of the Department Head	M.O.H. sanitation
4.5 Address	Amravati Municipal Corporation Amravati
4.6 Telephone Number	0721576482
4.7 Mobile Number	7030922874
4.8 Fax Number	07212673950
4.9 Email	sanitationdepartment.amc@gmail.com

4.10 Website	www.amtcorp.org
4.11 Name of the Contact Person	Dr. Ajay Jadhao
4.12 Designation of the contact person	AMOH
4.13 Address	AMC
4.14 Telephone Number	0721576482
4.15 Mobile Number	7030922905
4.16 Fax Number	07212673950
4.17 Email	sanitationdepartment.amc@gmail.com
4.18 Website	www.amtcorp.org

5. Service Provider Details - Slums

5.1 Name of Town/City	Amravati
5.2 Name of the Contact Person for Information related to slums	Mr. Ravindra Pawar
5.3 Designation	City Engineer
5.4 Address	AMC
5.5 Telephone Number	7030922884
5.6 Mobile Number	7030922884
5.7 Fax Number	07212673950
5.8 Email	
5.9 Website	www.amtcorp.org

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER SUPPLY : FY 2019-2020

Go Back to Data Entry

1. COVERAGE OF WATER SUPPLY CONNECTIONS

Water Service Coverage - Number of Connections

Item	Unit	2018-2019	2019-2020
Does the ULB have water meters at consumer end?	Yes/No		YES
1.1 Domestic Connections (Metered Functional)	Number	81620	87325
1.2 Domestic Connections (Metered Non-Functional)	Number	12560	4596
1.3 Domestic Connections (Unmetered)	Number	0	0
Domestic connections (Total)	Number	94180	91921
1.4 Bulk supply Apartments (Metered Functional)	Number	259	259
1.5 Bulk supply Apartments (Metered Non-Functional)	Number	30	30
1.6 Bulk supply Apartments (Unmetered)	Number	0	0
Bulk supply Apartments (Total)	Number	289	289
1.7 Bulk supply Layouts/Societies (Metered Functional)	Number	86	86
1.8 Bulk supply Layouts/Societies (Metered Non-Functional)	Number	10	10
1.9 Bulk supply Layouts/societies (Unmetered)	Number	0	0
Bulk supply Layouts/Societies (Total)	Number	96	96
1.10 Others-Specify (Metered Funtional)	Number	0	0
1.11 Others-Specify (Metered Non-Functional)	Number	0	0
1.12 Others-Specify (Unmetered)	Number	0	0
Others - Specify (Total)	Number	0	0
Total Number of Water Supply Connections - Residential	Number	94565	92306

Water Service Coverage - Households Served

Item	Unit	2018-2019	2019-2020
1.13 Households served by Domestic Connections	Number	94125	91921
1.14 Households served by Bulk supply - Apartments	Number	9880	9880
1.15 Households served by Bulk supply - Layouts/Societies	Number	7650	7650
Total Households served with Water Supply	Number	111655	109451

Households served by one sources such as wells, handpumps shall not be included.

2. PER CAPITA SUPPLY OF WATER

Water Production Capacity

Item	Unit	2018-2019	2019-2020
2.1 Installed Capacity of Treatment Plants for Surface Water Sources	MLD	95.0	95.0
2.2 Volume of water produced through Surface Water Sources	MLD	109.0	110.0

2.3 Installed Capacity of Treatment Plants for Ground Water Sources	MLD	0.0	0.0
2.4 Volume of water produced through Ground water (power pumps)	MLD	0.0	0.0
2.5 Volume of water produced through any Other Sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
Total Installed Capacity	MLD	95.00	95.000
Total Volume of water produced	MLD	109.00	110.000

Water Consumption

Item	Unit	2018-2019	2019-2020
2.6 Volume of water billed from Domestic Connections	MLD	56.91	59.84
2.7 Volume of water billed from Bulk supply Apartments	MLD	3.85	3.85
2.8 Volume of water billed from Bulk supply Layouts/Societies	MLD	4.6	4.6
2.9 Volume of water billed from Non domestic Connections	MLD	2.5	2.5
2.10 Volume of water billed from Public taps	MLD	8.48	8.48
2.11 Volume of water billed from any other sources	MLD	0.0	0.0
Total Volume of water billed	MLD	76.34	79.27
Total Volume of water unbilled (free supplies to Public taps, stand posts, hand pumps, etc.)	MLD	8.48	8.48
Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	0.0	0.0

3. EXTENT OF NON REVENUE WATER (NRW)

Item	Unit	2018-2019	2019-2020
3.1 Total Volume of Water Produced	MLD	109.00	110.000
3.2 Total Volume of Water Billed	MLD	76.34	79.27

4. EXTENT OF METERING OF WATER SUPPLY CONNECTIONS

Item	Unit	2018-2019	2019-2020
4.1 Non domestic incl. commercial/Indus/Instl. (Metered Functional)	Number	1025	1025
4.2 Non domestic incl. commercial/Indus/Instl. (Metered Non-Functional)	Number	35	35
4.3 Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number	0	0
Non domestic incl. commercial/Indus/Instl. (Total)	Number	1060	1060
4.4 Public taps, stand posts and hand pumps (Metered Functional)	Number	0	0
4.5 Public taps, stand posts and hand pumps (Metered Non-Functional)	Number	0	0
4.6 Public taps, stand posts and hand pumps (Unmetered)	Number	954	954
Public Taps (Total)	Number	954	954
Total number of metered and functional connections (domestic, bulk supply, others)	Number	81965	87670
Total number of Water Supply Connections	Number	96579	94320

5. CONTINUITY OF WATER SUPPLY

Water Supply Frequency

Item	Unit	2018-2019	2019-2020
5.1 Days of supply per month	Number	30	30
5.2 Hours of supply per day to consumer	Hours	3.0	3.0

6. EFFICIENCY OF REDRESSAL OF COMPLAINTS

Consumer Services

Item	Unit	2018-2019	2019-2020
6.1 Complaints received during the year	Number	1841	1677
6.2 Complaints resolved within 24 hours during the year	Number	1801	1638

7. QUALITY OF WATER SUPPLIED

Treated Water Quality Surveilance

Item	Unit	2018-2019	2019-2020
7.1 Residual Chlorine - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	8200	8200
7.2 Residual Chlorine - No. of Samples taken at intermediate points (in a year)	Number	6500	6700
7.3 Residual Chlorine - No. of Samples taken at consumer end (in a year)	Number	2000	2500
7.4 Total Samples taken for Residual Chlorine tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Residual Chlorine tests	Number	16700	17400
7.5 Number of Samples Passed	Number	16520	17360
7.6 Physical/Chemical - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	4	4
7.7 Physical/Chemical - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.8 Physical/Chemical - No. of Samples taken at consumer end (in a year)	Number	0	0
7.9 Total Samples taken for Physical/Chemical tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Physical and Chemical tests	Number	4	4
7.10 Number of Samples Passed	Number	4	4
7.11 Bacteriological - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	300	300
7.12 Bacteriological - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.13 Bacteriological - No. of Samples taken at consumer end (in a year)	Number	1600	1600
7.14 Total Samples taken for Bacteriological tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Bacteriological tests	Number	1900	1900
7.15 Number of Samples Passed	Number	1850	1880
Total Number of Samples taken for all types of tests	Number	18604	19304
Total Tests Passed	Number	18374	19244

8. COST RECOVERY IN WATER SUPPLY SERVICES

Financial Information - Operating Expenses

Item	Unit	2018-2019	2019-2020
8.1 Regular Staff and administration	Rs. Lakhs	554.94	553.24
8.2 Outsourced/Contract Staff Costs	Rs. Lakhs	0.0	0.0
8.3 Electricity Charges/Fuel Costs	Rs. Lakhs	1138.61	1212.58
8.4 Chemical Costs	Rs. Lakhs	11.25	17.03
8.5 Repairs/Maintenance Costs	Rs. Lakhs	375.16	407.48
8.6 Bulk (Raw/Treated) Water Charges	Rs. Lakhs	126.12	142.56
8.7 Other Costs	Rs. Lakhs	1.37	28.5
Total Operating Expenditure	Rs. Lakhs	2207.45	2361.39

Financial Information - Operating Revenues

Item	Unit	2018-2019	2019-2020
8.8 Arrears at the beginning of the Current year	Rs. Lakhs	25359.02	30906.71
8.9 Revenue demand from user charges	Rs. Lakhs	4429.95	4591.11
8.10 Revenue demand from tax/cess - Water Service only	Rs. Lakhs	0.0	0.0
8.11 Revenue demand from other revenues (eg. connection costs/Donations etc)	Rs. Lakhs	30.0	30.0
Total Revenue Demand for the current year	Rs. Lakhs	4459.95	4621.11

9 COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES

Item	Unit	2018-2019	2019-2020

9.1 Total Revenue Demand(from user charges, taxes etc)	Rs. Lakhs	4459.95	4621.11
9.2 Collection against arrears	Rs. Lakhs	450.0	500.0
9.3 Collection against the current demand of the year	Rs. Lakhs	2211.78	2255.0

10 Additional Information (Optional)

Staff Information

Item	Unit	2018-2019	2019-2020
10.1 Senior Management (Sanctioned)	Number	1	1
10.2 Senior Management (Working)	Number	1	1
10.3 Engineers (Sanctioned)	Number	7	7
10.4 Engineers (Working)	Number	6	5
10.5 Clerks/Accountants (Sanctioned)	Number	2	2
10.6 Clerks/Accountants (Working)	Number	1	1
10.7 Work Inspectors/Meter Readers (Sanctioned)	Number	40	40
10.8 Work Inspectors/Meter Readers (Working)	Number	8	2
10.9 Electricians/Fitters (Sanctioned)	Number	10	10
10.10 Electricians/Fitters (Working)	Number	0	1
10.11 Lines men/plumbers (Sanctioned)	Number	18	18
10.12 Lines men/plumbers (Working)	Number	8	8
10.13 Labourers (Sanctioned)	Number	150	150
10.14 Labourers (Working)	Number	47	73
Total (Sanctioned)	Number	228	228
Total (Working)	Number	71	91

Connection Costs for Water Connections

Item	Unit	2018-2019	2019-2020
10.15 Residential - General	Rs.	4520	4520
10.16 Residential - Urban Poor	Rs.	4520	4520
10.17 Institutional	Rs.	8520	8520
10.18 Commercial	Rs.	21520	21520
10.19 Industrial	Rs.	21520	21520

Water Tariff Structure - Flat Rate Tariff

Item	Unit	2018-2019	2019-2020
10.20 Residential - General	Rs./Month	510.0	510.0
10.21 Residential - Urban Poor	Rs./Month	510.0	510.0
10.22 Institutional	Rs./Month	782.0	782.0
10.23 Commercial	Rs./Month	1961.0	1961.0
10.24 Industrial	Rs./Month	1961.0	1961.0

Water Tariff Structure - Volumetric Tariff

Item	Unit	2018-2019	2019-2020
10.25 Residential - General	Rs./KL	17.3	17.3
10.26 Residential - Urban Poor	Rs./KL	17.3	17.3
10.27 Institutional	Rs./KL	33.3	33.3
10.28 Commercial	Rs./KL	79.9	79.9
10.29 Industrial	Rs./KL	79.9	79.9

Remark

☐ Update

Item	Unit	2018-2019	2019-2020
			1. COVERAGE OF WATER SUPPLY CONNECTIONS is

Remark	reduced because connections provisioning is not increased in proportion to the increase in population. 3. EXTENT OF

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

SEWERAGE AND DRAINAGE : FY 2019-2020

Go Back to Data Entry

1. COVERAGE OF TOILETS

Sanitation Coverage

Item	Unit	2018-2019	2019-2020
1.1 Total Number of Properties in the City	Number	159071	153187
1.2 Properties with toilets	Number	153948	148831
1.3 Households dependent on functional community toilets	Number	5123	4356
1.4 Total Number of Properties with access to toilets	Number	159071	153187

2. COVERAGE OF SEWAGE NETWORK SERVICES

Item	Unit	2018-2019	2019-2020
2.1 Total Number of Properties in the City	Number	159071	153187
2.2 Properties with sewer connections	Number	3203	5177
2.3 Properties with onsite sanitary disposal	Number	155868	148010.00

3. COLLECTION EFFICIENCY OF SEWAGE NETWORK

Waste Water Production - Volume of Water Consumed and Waste Water Generated

Item	Unit	2018-2019	2019-2020
3.1 Volume of water consumed and billed from Domestic Connections	MLD	56.91	59.84
3.2 Volume of water consumed and billed from Bulk supply - Apartments	MLD	3.85	3.85
3.3 Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD	4.6	4.6
3.4 Volume of water consumed and billed from Non domestic Connections	MLD	2.5	2.5
3.5 Volume of water consumed (both billed and unbilled) from Public taps	MLD	16.96	16.96
3.6 Volume of water from free supplies (other connections)	MLD	0.00	0.00
3.7 Volume of water consumed and billed from any other ULB sources	MLD	0.0	0.0
3.8 Volume of water consumed from any Non ULB water sources	MLD	4.5	4.5
3.9 Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD	89.32	92.25
3.10 Volume of waste water generated from Domestic Water Consumption	MLD	45.53	47.87
3.11 Volume of waste water generated from Bulk Supply - Apartments	MLD	3.08	3.08
3.12 Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD	3.68	3.68
3.13 Volume of waste water generated from Non Domestic Water Consumption	MLD	2.00	2.00
3.14 Volume of waste water generated from Public Tap Water Consumption	MLD	13.57	13.57
3.15 Volume of waste water generated from free supplies (other connections)	MLD	0.00	0.00
3.16 Volume of waste water generated from other ULB source water consumption	MLD	0.00	0.00
3.17 Volume of waste water generated from Non ULB source Water consumption	MLD	3.60	3.60

Total Waste Water Generated	MLD	71.46	73.80

Waste Water Collection and Treatment

Item	Unit	2018-2019	2019-2020
3.18 Volume of sewage actually treated at the Primary Treatment Plant	MLD	8.0	30.0
3.19 Volume of sewage actually treated at Secondary Treatment Plant	MLD	8.0	30.0
3.20 Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	8.00	30.0

4. ADEQUACY OF SEWAGE TREATMENT CAPACITY

Item	Unit	2018-2019	2019-2020
4.1 Installed Capacity of Primary Treatment Plant	MLD	74.5	74.5
4.2 Installed Capacity of Secondary Treatment Plant	MLD	74.5	74.5
4.3 Total Installed Capacity (Primary / Secondary Treatment)	MLD	74.5	74.5
4.4 Total Waste Water Generated	MLD	71.46	73.80

5. EXTENT OF REUSE AND RECYCLING OF SEWAGE

Item	Unit	2018-2019	2019-2020
5.1 Volume of sewage actually treated at Secondary Treatment Plant	MLD	8.0	30.0
5.2 Volume of treated waste water reused after Secondary Treatment	MLD	0.0	0.0

6. QUALITY OF SEWAGE TREATMENT

Discharge Compliance after Secondary Treatment of Sewage

Item	Unit	2018-2019	2019-2020
6.1 Number of Treated Effluent Samples Tested in a year	Number	24	24
6.2 Number of Treated Effluent Samples Passed in a year	Number	24	24

7. EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS

Consumer Services

Item	Unit	2018-2019	2019-2020
7.1 Sewage related Complaints received during the year	Number	10	12
7.2 Sewage related Complaints resolved within 24 hours during the year	Number	10	12

8. EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT

Financial Information - Annual Operating Expenses

Item	Unit	2018-2019	2019-2020
8.1 Regular Staff and Administration	Rs.Lakhs	280.0	295.0
8.2 Outsourced /Contract Staff Costs	Rs.Lakhs	18.5	19.5
8.3 Electricity Charges /Fuel Costs	Rs.Lakhs	41.2	41.2
8.4 Chemicals Costs	Rs.Lakhs	0.0	0.0
8.5 Repairs/Maintenance Costs	Rs.Lakhs	4.5	4.5
8.6 Contractor Costs for O&M	Rs.Lakhs	1700.0	1700.0
8.7 Ohers (Specify)	Rs.Lakhs	0.0	0.0
Total Annual Operating Expenses	Rs.Lakhs	2044.20	2060.20

Financial Information - Annual Operating Revenues

Item	Unit	2018-2019	2019-2020
8.8 Arrears at the beginning of the current year	Rs.Lakhs	0.0	0.0
8.9 Revenue demand from user charges - sewerage only	Rs.Lakhs	0.0	0.0
8.10 Revenue demand from tax/cess - sewerage only	Rs.Lakhs	0.0	0.0
8.11 Revenue demand from other sources (eg. connection costs/septage emptying charges/donations etc.)	Rs.Lakhs	2.12	2.15
Total Revenue Demand for current year	Rs.Lakhs	2.12	2.15

Total Revenue Demand for current year	Rs.Lakhs	2.12	2.15

9. EFFICIENCY IN COLLECTION OF SEWAGE CHARGES

Consumer Services

Item	Unit	2018-2019	2019-2020
9.1 Total Revenue Demand for current year	Rs.Lakhs	2.12	2.15
9.2 Collection against arrears	Rs.Lakhs	NA	NA
9.3 Collection against current demand	Rs.Lakhs	NA	NA

10. Storm Water Drainage Data

COVERAGE OF STORM WATER DRAINAGE NETWORK

Item	Unit	2018-2019	2019-2020
10.1 Total Length of Road Network	Kilometers	1115.67	1233.21
10.2 Total Length of Pucca covered drains	Kilometers	29.6	80.77

INCIDENCE OF WATER LOGGING/FLOODING

Item	Unit	2018-2019	2019-2020
10.3 Number of Flood Prone Points in the city	Number	0.0	0.0
10.4 Average Frequency of Flooding	Number	0.0	0.0

11. Additional Information (Optional)

Staff Information

Item	Unit	2018-2019	2019-2020
11.1 Senior Management (Sanctioned)	Number	0	0
11.2 Senior Management (Working)	Number	0	0
11.3 Engineers (Sanctioned)	Number	0	0
11.4 Engineers (Working)	Number	0	0
11.5 Clerks/Accountants (Sanctioned)	Number	0	0
11.6 Clerks/Accountants (Working)	Number	0	0
11.7 Labourers/Cleaners (Sanctioned)	Number	320	320
11.8 Labourers/Cleaners (Working)	Number	320	320
Total (Sanctioned)	Number	320	320
Total (Working)	Number	320	320

Septage Management

Item	Unit	2018-2019	2019-2020
11.9 Does the ULB practice septage management	Yes/No	YES	YES
11.10 Septage sucking machines available within ULB	Number	6	6
11.11 Private Septage machines licenced by ULB	Number	0	0

Connection Costs for Sewerage Connections

Item	Unit	2018-2019	2019-2020
11.12 Residential - General	Rs	250.0	250.0
11.13 Residential - Urban Poor	Rs	250.0	250.0
11.14 Institutional	Rs	250.0	250.0
11.15 Commercial	Rs	250.0	250.0
11.16 Industrial	Rs	250.0	250.0

Sewerage Tariff Structure - Flat Rate Tariff

Item	Unit	2018-2019	2019-2020
11.17 Residential - General	Rs./Month	0.0	0.0
11.18 Residential - Urban Poor	Rs./Month	0.0	0.0
11.19 Institutional	Rs./Month	0.0	0.0
11.20 Commercial	Rs./Month	0.0	0.0

11.21 Industrial	Rs./Month	0.0	0.0

Sewerage Tariff Structure - Volumetric Tariff

Item	Unit	2018-2019	2019-2020
11.22 Residential - General	Rs./KL	NA	NA
11.23 Residential - Urban Poor	Rs./KL	NA	NA
11.24 Institutional	Rs./KL	NA	NA
11.25 Commercial	Rs./KL	NA	NA
11.26 Industrial	Rs./KL	NA	NA

Remark

Update

Item	Unit	2018-2019	2019-2020
Remark			1.2 and 2.3 wrong value input in the last year - check remark for General Info sheet. 2. COVERAGE OF SEWAGE NETWORK SERVICES is slightly increased because - Properties with sewer connections- have proportionately

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Solid Waste Management : FY 2019-2020

Go Back to Data Entry

1. Household Level Coverage Of Solid Waste Management Services

Door to Door Collection - Number of HHs and establishments covered by Door to Door Collection

Item	Unit	2018-2019	2019-2020
1.1 Number of Households covered by Door to Door Collection	Number	153182.0	157356.0
1.2 Number of Hotels and Restaurants covered by Door to Door Collection	Number	528.0	600.0
1.3 Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number	23795.0	25798.0
1.4 Number of any other establishments (incl. markets) covered by Door to Door Collection	Number	98.0	107.0
1.5 Total number of establishments covered by door to door collection (if typewise establishments is not available)	Number	0.0	0.0
Total Number of Households and Establishments covered by Door to Door Collection	Number	177603	183861

2. Efficiency Of Collection Of Municipal Solid Waste

Waste Generation

Item	Unit	2018-2019	2019-2020
2.1 Waste Generated by Households	MT/Month	0.0	0.0
2.2 Waste Generated by Street Sweeping	MT/Month	0.0	0.0
2.3 Waste Generated by Hotels and Restaurants	MT/Month	0.0	0.0
2.4 Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/Month	0.0	0.0
2.5 Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/Month	0.0	0.0
2.6 Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/Month	0.0	0.0
2.7 Total Waste Generated (if typewise generation is not available)	MT/Month	15330.0	6894.0
Total Waste Generated	MT/Month	15330.00	6894.00
Total Waste Generated per capita	Gms/Day/Capita		306.16

Waste Collection and Transportation - Details of waste received at Processing/ Disposal Facilities

Item	Unit	2018-2019	2019-2020
2.8 Quantity of waste received at processing and recycling facilities	MT/Month	1000.0	6894.0
2.9 Quantity of waste received at disposal sites	MT/Month	13330.0	0.0
Total waste received at processing/disposal facility and recycled	MT/Month	15330.00	6894.00

Waste Collection and Transportation - Details of waste transported to Processing/ Disposal Facilities

Item	Unit	2018-2019	2019-2020
2.10 Number of trucks used for transportation of waste	Number	15	45
2.11 Capacity of each trucks	Metric Tons	1.5	1.2
2.12 Total number of trips made by trucks each day to the disposal site	Trips Per Day	5.0	2.0

Total quantity of waste collected by trucks	MT/Month	3375.00	3240.00
2.13 Number of dumper placers used for transportation of waste	Number	15	0
2.14 Capacity of each dumper placer	Metric Tons	1.0	0.0
2.15 Total number of trips made by all dumper placers each day to the disposal site	Trips Per Day	5.0	0.0
Total quantity of waste collected by dumper placers	MT/Month	2250.00	0.00
2.16 Number of mini lorries used for transportation of waste	Number	2	0
2.17 Capacity of each mini lorry	Metric Tons	6.0	0.0
2.18 Total number of trips made by all mini lorries each day to the disposal site	Trips Per Day	2.0	0.0
Total quantity of waste collected by mini lorries	MT/Month	720.00	0.00
2.19 Number of tractor trailers used for transportation of waste	Number	0	2
2.20 Capacity of each tractor trailer	Metric Tons	0.0	0.5
2.21 Total number of trips made by all tractor trailer each day to the disposal site	Trips Per Day	0.0	3.0
Total quantity of waste collected by tractor trailer	MT/Month	0.00	90.00
2.22 Number of tipper trucks used for transportation of waste	Number	15	0
2.23 Capacity of each tipper trucks	Metric Tons	1.5	0.0
2.24 Total number of trips made by all tipper trucks each day to the disposal site	Trips Per Day	5.0	0.0
Total quantity of waste collected by tipper trucks	MT/Month	3375.00	0.00
2.25 Number of 3 wheeler auto tippers used for transportation of waste	Number	136	132
2.26 Capacity of each 3 wheeler auto tipper	Metric Tons	0.275	0.3
2.27 Total number of trips made by all 3 wheeler auto tippers each day to the disposal site	Trips Per Day	5.0	3.0
Total quantity of waste collected by 3 wheeler auto tippers	MT/Month	5610.00	3564.00
Total quantity of waste collected and transported to disposal site	MT/Month	15330.00	6894.00

3. Extent Of Segregation Of Municipal Solid Waste

Segregation of Waste

Item	Unit	2018-2019	2019-2020
3.1 Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/Month	0.0	480.0
3.2 Quantity of waste taken away by recycler from intermediate points	MT/Month	1000.0	0.0

4. Extent Of Municipal Solid Waste Recovered

Quantity of Waste Processing

Item	Unit	2018-2019	2019-2020
4.1 Installed Capacity of Composting Plant	MT/Month	0.0	7500.0
4.2 Waste Quantity Input at the Composting Plant	MT/Month	0.0	5644.0
4.3 Installed Capacity of Vermi-composting Plant	MT/Month	1000.0	1000.0
4.4 Waste Quantity Input at the Vermi-composting Plant	MT/Month	1000.0	1000.0
4.5 Installed Capacity of Refuse Derived Fuel	MT/Month	0.0	0.0
4.6 Waste Quantity Input at the Refuse Derived Fuel	MT/Month	0.0	0.0
4.7 Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/Month	0.0	150.0
4.8 Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/Month	0.0	150.0
4.9 Installed Capacity of any other processing facilities	MT/Month	0.0	100.0
4.10 Waste Quantity Input at other processing facilities	MT/Month	0.0	100.0
Total Installed Capacity of Processing facilities	MT/Month	1000.00	8750.00
Total Waste Quantity Input at all types of processing facilities	MT/Month	1000.00	6894.00
4.11 Quantity of waste rejected by processing facilities at intake point	MT/Month	0.0	0.0
4.12 Quantity of post-processing rejects sent to dumpsite/ landfills	MT/Month	0.0	0.0
Total Waste Processed in the ULB	MT/Month	2000.00	6894.00

5. Extent Of Scientific Disposal Of Municipal Solid Waste

Quantity of Waste Disposal

Item	Unit	2018-2019	2019-2020
5.1 Quantity of waste disposed in compliant landfill sites	MT/Month	NA	NA
5.2 Quantity of waste disposed in open dump sites	MT/Month	8200.0	0.0

6. Efficiency In Redressal Of Customer Complaints

Customer Service

Item	Unit	2018-2019	2019-2020
6.1 Complaints received during the year	Number	30419.0	23020.0
6.2 Complaints resolved within 24 hours during the year	Number	30194.0	23020.0

7. Extent Of Cost Recovery In SWM Services

Financial Information - Operational Expenditure on SWM during previous year

Item	Unit	2018-2019	2019-2020
7.1 Regular Staff & Administration	Rs In Lakh	1320.0	1335.0
7.2 Outsourced/Contracted Staff Costs	Rs In Lakh	1840.0	1845.0
7.3 Electricity Charges/Fuel Costs	Rs In Lakh	80.0	82.0
7.4 Chemical Costs	Rs In Lakh	20.5	22.0
7.5 Repair/Maintenance Costs	Rs In Lakh	45.0	30.0
7.6 Contracted Services Cost	Rs In Lakh	1000.0	900.0
7.7 Other Costs (Specify)	Rs In Lakh	0.0	0.0
Total Operational Expenses	Rs In Lakh	4305.50	4214.00

Financial Information - Operational Revenues from SWM during previous year

Item	Unit	2018-2019	2019-2020
7.8 Arrears at the beginning of current year	Rs In Lakh	0.0	0.0
7.9 Tax / Cess - Solid Waste only	Rs In Lakh	0.0	0.0
7.10 User Charges	Rs In Lakh	0.0	0.0
7.11 Fixed Charges based on Property Tax/ State Taxes/Cess/Surcharges	Rs In Lakh	0.0	0.0
7.12 Sale of Recyclables	Rs In Lakh	0.0	0.0
7.13 Sale from processing - compost/energy	Rs In Lakh	0.0	0.0
7.14 Royalty	Rs In Lakh	0.0	0.0
7.15 Others (Specify)	Rs In Lakh	30.0	28.0
Total Revenue Demand Raised for the current year	Rs In Lakh	30.00	28.00

8. Efficiency In Collection Of SWM Charges

Item

Item	Unit	2018-2019	2019-2020
8.1 Total Revenue Demand Raised for the current year	Rs In Lakh	30.00	28.00
8.2 Collection against arrears	Rs In Lakh	NA	NA
8.3 Collection against Current Demand	Rs In Lakh	NA	NA

9 Additional Information(Optional)

Staff Information

Item	Unit	2018-2019	2019-2020
9.1 Senior Management-Health Officer (Sanctioned)	Number	1	1
9.2 Senior Management-Health Officer (Working)	Number	1	1
9.3 Sanitary Inspector (Sanctioned)	Number	22	45

9.4 Sanitary Inspector (Working)	Number	22	43
9.5 Sanitary Supervisor (Sanctioned)	Number	43	43
9.6 Sanitary Supervisor (Working)	Number	43	43
9.7 Maistries/Safai Karam chari (Sanctioned)	Number	815	815
9.8 Maistries/Safai Karam chari (Working)	Number	768	742
9.9 Cleaners/Drivers (Sanctioned)	Number	18	18
9.10 Cleaners/Drivers (Working)	Number	18	18
9.11 Laborers (Sanctioned)	Number	0	0
9.12 Laborers (Working)	Number	0	0
9.13 Others Specify	Number	1230	1230
Total (Sanctioned)	Number	899	922
Total (Working)	Number	2082	2077
9.14 Are daily records of waste received at compliant landfill maintained (MSW 2000)	Yes/No	NA	NA
9.15 Is weigh-bridge available at landfill site?	Yes/No	NA	NA
9.16 Are daily records of waste received at open dumpsites maintained?	Yes/No	YES	YES
9.17 Is weigh-bridge available at dump-site?	Yes/No	NO	NO

User charges

Item	Unit	2018-2019	2019-2020
9.18 Residential	Rs/Month	NA	NA
9.19 Slum HH	Rs/Month	NA	NA
9.20 Commercial Establishment	Rs/Month	NA	NA
9.21 Fixed charge through property tax	Rs/Month	NA	NA
9.22 Others	Rs/Month	NA	NA

Remark

Update

Item	Unit	2018-2019	2019-2020
Remark			1. HOUSEHOLD LEVEL COVERAGE OF SOLID WASTE MANAGEMENT SERVICES increased under SBM implementation. 2.7 as per data filled under SBM urban - data filled on SBM portal submitted as a proof. 2.8 value

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Equity Related Information : FY 2019-2020

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1. Slums

General Details

Item	Unit	2018-2019	2019-2020
1.1 Number of slum settlements	Number	126	126
1.2 Population in slums	Number	292374	301145
1.3 Households in slums	Number	58800	60229
1.4 Household size in slums	Ratio	5.0	5.0
1.5 Total number of slums notified by state	Number	107	107
1.6 Number of slums that have been de notified in the current year	Number	19	0

Services in slums at city level

Item	Unit	2018-2019	2019-2020
1.20 Number of settlements which have an internal water supply network	Number	107	107
1.21 Number of individual water connections in slums	Number	17667	17817
1.23 Number of group connections in slums	Number	0	0
1.24 Number functional stand posts in slums	Number	933	933
1.25 Number of stand posts converted to group connections for slums	Number	0	0
1.26 Number of individual toilets in slums	Number	55000	55929
1.28 Number of seats in pay-n-use toilets (functional toilets) in slums	Number	NA	0
1.29 Number of seats in community toilets (functional toilets) in slums	Number	1612	1612
1.30 Number of settlements which have an internal underground sewerage network	Number	0	0
1.31 Number of sewerage connections in slums	Number	0	0
1.33 Number of slum HHs served by door to door collection of MSW (Municipal Solid Waste)	Number	58800	60229.0

2. Water supply

Network details

Item	Unit	2018-2019	2019-2020
2.1 Length of trunk main (Source to treatment plant)	Km	57.0	57.0
2.2 Length of transmission mains (Treatment plant to distribution station)	Km	19.0	19.0
2.3 Length of trunk and/or transmission mains that have undergone renovation	Km	0.0	0.0
2.4 Length of distribution network	Km	850.0	1050.0
2.5 Number of pipe breaks in the current year	Number	22.0	5.0
2.6 Total area under water distribution network	Sq Km	121.0	90.0
2.7 Length of road network	Km	1115.67	1233.21

Source level details

Item	Unit	2018-2019	2019-2020
2.8 Average daily quantity of water supplied from ground sources	MLD	0.0	0.0
2.9 Average daily quantity of water supplied from own surface sources	MLD	0.0	0.0
2.10 Average daily quantity of water supplied from bulk raw purchase	MLD	109.5	110.0
2.11 Average daily quantity of water supplied from bulk treated water	MLD	0.0	0.0
2.12 Average daily quantity of water supplied from other sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
2.13 Total daily quantity of water supplied from source	MLD	109.50	110.000
2.14 Average daily quantity of water supplied from WDS (Water distribution station)	MLD	109.0	110.0
2.15 Average pressure at WDS (Water distribution station)	Meters	5.0	5.0
2.16 Average pressure at consumer end	Meters	3.0	3.0
2.17 Does the ULB conduct regular assessment of availability of sources through preparation of depletion statements, etc?	Yes/No	NO	NO
2.18 Capacity addition/augmentation to present supply of water commissioned over next 3 years from projects/schemes/bulk purchase	MLD	61.0	61.0

Audits

Item	Unit	2018-2019	2019-2020
2.19 Has the ULB conducted studies for preliminary or detailed water audits?	Yes/No	YES	YES
2.20 Has the ULB conducted studies for energy audits?	Yes/No	YES	YES
2.21 Number of pumps at water source, treatment and distribution points inspected in the current year	Number	7.0	7.0
2.22 Number of pumps replaced/repaired in the current year	Number	0.0	0.0

Metering

Item	Unit	2018-2019	2019-2020
2.24 Number of consumer meters that are repaired/replaced in the current year	Number	3000.0	4500.0
2.25 Metered consumption (where consumer meters are functional)	MLD	71.0	72.0
2.26 Number of connections exempted from property tax/ water bills	Number	0	0

Unauthorised Connections

Item	Unit	2018-2019	2019-2020
2.29 Does the ULB have any measures to identify and/or regularise illegal connections?	Yes/No	YES	YES
For Water supply			
2.30 illegal connections	Number	960	770
2.31 % of illegal connections regularised	Percent	20.0	10.0
For Wastewater			
2.32 illegal connections	Number	ND	ND
2.33 % of illegal connections regularised	Percent	ND	ND

3. Sewerage and/or sullage network

Type of system

Item	Unit	2018-2019	2019-2020
3.1 Does the ULB have an underground piped network?	Yes/No	YES	YES
3.2 Total length of underground piped network	Km	249.06	249.06
3.3 Total area covered by underground piped network	Sq Km	34.3	34.3
3.4 Does the ULB have a covered drainage network?	Yes/No	YES	YES
3.5 Length of covered drainage network	Km	29.6	80.77
3.6 Area covered by covered drainage network	Sq Km	2.9	7.91
3.7 Does the ULB have open drainage network?	Yes/No	YES	YES
3.8 Length of open drainage network	Km	312.0	321.0
3.9 Area covered by open drainage network	Sq Km	85.8	88.28

Augmentation and efficiency of network

Item	Unit	2018-2019	2019-2020
3.10 Does the ULB have a plan to develop/augment its sewer network?	Yes/No	YES	YES
3.11 Does the ULB contract out services related to O&M operations for sewerage?	Yes/No	NO	NO
3.12 Number of HHs with individual toilets in the city	Number	149877	153000.00
3.13 Number of HHs with toilets connected to sewer network in the city	Number	3203	3400
3.14 Number of residential sewer connections in the city	Number	3203	3400
3.15 Number of non-residential sewer connections in the city	Number	0	1777
3.16 Total no. of community toilet seats in city (including mobile toilet / public toilet which are used by community)	Number		2063
3.17 Total no. of functional community toilet seats in city	Number	2063	2063
3.18 Number of functional community toilet seats connected to sewer network	Number	60	60
3.19 Number of sewer overflows reported in the current year	Number	0	0
3.20 Does the ULB have a sewage treatment plant?	Yes/No	YES	YES
3.21 If Yes, specify type of treatment			Activated sludge

Reuse of wastewater

Item	Unit	2018-2019	2019-2020
3.22 Does the ULB charge for untreated/treated wastewater that is reused?	Yes/No	NO	NO
3.23 If Yes, please specify the rate for untreated wastewater	Rs/MLD	NA	NA
3.24 If Yes, please specify the rate for treated wastewater	Rs/MLD	NA	NA
3.25 Is the untreated waste water being reused?	Yes/No	NO	NO
3.26 If Yes, estimated volume of untreated wastewater reused	MLD	NA	NA
3.27 If Yes, specify the purpose			NA

Means of disposal of waste water

Item	Unit	2018-2019	2019-2020
3.28 Sullage (Grey water from bathroom, kitchen, sink, etc. and outlet of septic tank)			Others
3.29 Untreated sewage			Others
3.30 Treated sewage			Others

In areas of ULB/ULBs with no sewer/drainage network

Item	Unit	2018-2019	2019-2020
3.32 Households with toilets connected to septic tanks	Number	146674	149600
3.33 Households connected to septic tank as per design standards	Number	91116	91116
3.34 Households with septic tank connected to drains / settled sewer	Number	114550	115560
3.35 Houeholds with toilets with septic tank connected to soak pits	Number	32124	34040
3.36 Households with toilets connected to single pit	Number	0	0
3.37 Households with toilets connected to twin pit	Number	0	0
3.38 Households with toilets connected to other safe system (Zero discharge - ecosan toilets, Improved / Package septic tank, Advance onsite treatment - Johkasou, etc)	Number	0	0
3.39 Households with toilets connected to other unsafe system (Night soil disposal, etc)	Number	0	0
3.41 Estimated number of septic tanks / single pits cleaned annually (ULB and Private operators)	Number	1210.0	1320.0
3.42 Total septage generated	Cu.m / Year	166373	168766
3.43 Average capacity of septage sucking machine/ vacuum emptier	Cu.m / Year	3	3
3.44 Number of trips in a year by all sucking machine/ vaccum emptier	Number	585	1320
3.45 Total volume of septage collected by septage sucking machines	Cu.m / Year	1755.0	3960
3.46 Total quantity of septic tank effluent collected through settled sewer / drain at the inlet of treatment plant / disposal point	MLD	52.81	54.20
3.47 Charge levied by agency for emptying septic tanks inside city limits	Rs/trip	1000	1000
3.48 Charge levied by agency for emptying tanks outside city limits	Rs/trip	1000	1000

3.49 Does the ULB have facilities to treat septage?	Yes/No	YES	YES
3.50 If Yes, then specify type of treatment faciltity		1	Co-treatment at own
Enter city name where septage is being treated			Lakhadi
If Yes, then specify treatment technology of STP or FSTP			Activated Sludge
3.51 If yes, then specify installed capacity of septage treatment facility	Cu.m / Year	NA	NA
3.52 If yes, then specify quantity of septage received at treatment facility	Cu.m / Year	1755.0	3960.0
3.53 If yes, then specify quantum of treated septage reused after treatment	Kgs / Year	1163500.0	1163854.0
3.54 Number of Treated Septage Samples Tested in a year	Number	24.0	24.0
3.55 Number of Treated Septage Samples Passed in a year	Number	24.0	24.0
3.56 Location of disposal of untreated septage			Water bodies
3.57 Does ULB have treatmet plant for grey water / effluent collected from settled sewers/drains ?	Yes/No	YES	YES
3.58 If yes, specify type of treatment?		74.5	At existing STP
3.59 If yes, specify installed capacity of treatment plant?	MLD		74.5
3.60 If yes, specify quantity of effluent received at treatment plant	MLD	7.0	7.0
3.61 If yes, specify quantity of treated effluent reused	MLD	0.0	0.0
3.62 Number of treated effluent samples tested in a year	Number	24	24
3.63 Number of treated effluent samples passed in a year	Number	24	24

4. Solid Waste Management

Item	Unit	2018-2019	2019-2020
4.1 Total number of wards in the city	Number	22	22
Number of wards covered by primary collection agencies for SWM			
4.2 ULB	Number	0	0
4.3 Private Agencies	Number	22	22
4.4 Resident Welfare Associations	Number	0	0
4.5 Non Governmental Organization (NGO) / Community Based Organization (CBOs)	Number	0	0
4.6 Number of sweepers deployed for road sweeping	Number	861	861
4.7 Total length of road swept	Km	256.0	256.0
4.8 Number of secondary storage bins	Number	210.0	0.0
4.9 Capacity of secondary storage bins	Tonnes	2.0	0.0
4.10 Frequency of secondary collection of waste in a week	Days	7.0	0.0
Does the ULB contract out services related to			
4.11 Secondary collection?	Yes/No	YES	YES
4.12 Transportation?	Yes/No	YES	YES
4.13 Treatment?	Yes/No	NO	NO
4.14 Disposal?	Yes/No	YES	YES

5. Financial Details for ULB

Capital receipts of ULB

Item	Unit	2018-2019	2019-2020
5.1 Grants (financial award given by the state or central government for capital work only)	Rs. Lakhs	32922	18772
5.2 Borrowings / loans	Rs. Lakhs	0	0
5.3 Others	Rs. Lakhs	0.0	0.0
Total	Rs. Lakhs	32922.00	18772.00

Capital expenditure of ULB

5.4 Water supply	Rs. Lakhs	1420.0	1570.0
5.5 Wastewater	Rs. Lakhs	2050.0	1970.0

5.6 MSWM (Solid waste management)	Rs. Lakhs	2000.0	2372.0
5.7 Others	Rs. Lakhs	31040.0	20905.0
Total	Rs. Lakhs	36510.00	26817.00

Revenue Receipts of ULB

5.8 Own Tax Revenue Income	Rs. Lakhs	15777.0	5927.95
5.9 Non-Tax Revenue Income	Rs. Lakhs	1016.0	13434.0
5.10 Revenue Grants & Contribution	Rs. Lakhs	4664.0	5264.0
Total	Rs. Lakhs	21457.00	24625.95

Revenue Expenditure of ULB

5.11 Establishment Expenditure	Rs. Lakhs	11750.0	13142.0
5.12 Operations and maintenance	Rs. Lakhs	2127.0	1353.0
5.13 Outsourcing / Contract	Rs. Lakhs	364.0	8059.0
5.14 Others	Rs. Lakhs	16231.0	26998.0
Total	Rs. Lakhs	30472.00	49552.00
5.15 Total Extraordinary Income of ULB	Rs. Lakhs	0.0	0.0
5.16 Total Extraordinary Expenditure of ULB	Rs. Lakhs	0.0	0.0

Property tax details for ULB

5.17 Arrears at the beginning of current year	Rs. Lakhs	1050.9	638.85
5.18 Current year billed demand	Rs. Lakhs	3352.43	3704.65
5.19 Collection against arrears	Rs. Lakhs	630.54	396.75
5.20 Collection against current year demand	Rs. Lakhs	3056.28	2776.20

Outstanding Payments of ULB

5.21 Total payment due to the state electricity board for oustanding electricity bills and penalties	Rs. Lakhs	400	462
5.22 Total payments due for bulk supply (irrigation) including charges and penalties	Rs. Lakhs	1300	1300
5.23 Repayment of loans	Rs. Lakhs	0.0	0.0
5.24 Others	Rs. Lakhs	0.0	0.0
5.24 Total	Rs. Lakhs	1700.00	1762.00

Improving Collection efficiency

Item	Unit	2018-2019	2019-2020
5.29 Does the ULB facilitate payment of bills through banks?	Yes/No	YES	YES
5.30 Does the ULB have various mechanisms to facilitate collection of bills at ward level like e-kiosks, civic centres,etc?	Yes/No	YES	YES
5.31 Does the ULB outsource its bill collections to private agencies, etc?	Yes/No	NO	NO
5.32 What is the penalty for late payment?	%	NA	NA

Remark

Item	Unit	2018-2019	2019-2020
Remark			2.6 3.28 3.29 3.30 - To STP 3.59 value as per records

General Information | Water Supply | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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About CEPT

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

RELIABILITY ASSESSMENT: FY 2019-2020

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1. Coverage

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
1.1 What is the basis of estimation of			
HHs served with individual water supply connections	1.Through household surveys (1-5 yrs)	NO	NO
	2.Through property tax/billing records	NO	NO
	3. Number of residential connections	YES	YES
	4. Past trends/surveys	NO	NO
	5. Area covered by distribution network	NO	NO
	6. Road covered by network length	NO	NO
Properties served with toilets (individual + community)	1. Through household surveys (1-5 yrs)	YES	YES
	2. Through property tax records	YES	YES
	3. Area covered by toilet facilities	YES	YES
Properties served with sewerage connections	1. through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records	NO	NO
	3. Number of sewer connections	YES	YES
	4. Past trends/surveyse	NO	NO
	5. Area covered by sewer network	YES	YES
	6. Road length covered by sewerage	YES	YES
Households served with septic tank connections / twin pit system	1. Through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records or BU permission records	NO	NO
	3. Past trends/surveys	NO	NO
	4. Area covered by septic tank	NO	NO
HHS and established served by door to door collection.	1. Through household surveys (1-5 yrs)	NO	NO
	2. Quantity of waste collected	NO	NO
	3. No. of wards served	NO	NO
1.2 How are records of HHs served by water supply maintained?	1. Computerised	YES	YES
	2. Only Manual	NO	NO
How are records of population saved maintained for			
Toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

Onsite sanitation system	1. Computerised	ND	NO
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	ND	NO
	2. Only Manual	YES	YES
How are connection registers maintained for			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Storm Water Drains			
What is the basis of estimation of length of pucca and covered drains?	1. Ground level surveys (1-5 yrs)	NO	NO
	2. Based on road maps (<5 yrs old)	YES	YES
How are flood prone points identified in the city?	1. Flood monitoring stations	YES	YES
	2. Complaints/reports from citizens	YES	YES

2. Coverage in slums

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
2.1 What is the basis of estimation of population/HHs in slums?	1. Recent Survey (1-3yrs)	YES	YES
	2. Past Survey	NO	NO
2.2 What is the basis of estimation of UWSS services provided in slums?	1. Recent Survey (1-3yrs)	NO	NO
	2. Past Survey	NO	NO
How are records of information on slums maintained for?			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	NO	NO
Onsite sanitation system	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Individual toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	NO	NO
	2. Only Manual	YES	YES

3. Water Production, treatment and consumption

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
Basis of measurement of water produced at WTP/tube wells	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
Basis of measurement of water supplied from bulk distribution points	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
	3. Periodic sample surveys	NO	NO
How are records maintained at WTP/tube wells?	1. Computerised	NO	NO
	2. Only Manual	YES	NO
How are records maintained at bulk distribution points like ESRs, etc?	1. Computerised	YES	NO
	2. Only Manual	NO	NO

4. Quality of Water

Reliability parameters for water supply, wastewater, SWM and SWD	2018-2019	2019-2020

Are proper records of samples conducted and passed/failed at source, WTP/bore wells, bulk distribution points and consumer end maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	YES	YES
	2. Accredited centres regularly	NO	NO
	3. Third party agencies intermittently	NO	NO
How are audits to monitor water quality procedures carried out?	1. by independent agencies periodically	NO	NO
	2. ULB itself occassionally	YES	YES
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

5. Continuity of water supplied

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
How is the duration of water supplied for the city estimated?	1. Valve operating points across zones	YES	YES
	2. Periodic surveys	NO	NO
	3. Feedback from city field engineers	NO	NO
Is adequacy of pressure and hours of supply at consumer end assessed?		NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

6. Metering of Water Connections

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
Are meters installed at consumer level?		YES	YES
Extent of metering of connections	1. At all consumer points	YES	YES
	2. Only bulk & commercial consumers	NO	NO
How are functional meters assessed?	1. Regular reading and billing of meters	YES	YES
	2. Spot checks	NO	NO
How is household consumption estimated?	1. Meters installed at all consumer points	YES	YES
	2. Periodic Survey	NO	NO
	3. Spot Survey	NO	NO
	4. Ferrule size and hours of supply	NO	NO
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

7. Wastewater collection and treatment

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
How is quantity of wastewater collected by network estimated?	1. Bulk flow meters at inlet of treatment plants	NO	NO
	2. V-Notch at outlet of channel	YES	YES
	3. Installed Plant Capacity	NO	NO
How is quantity of wastewater actually treated estimated?	1. Bulk flow meters at inlet of treatment plants	NA	NA
	2. V-Notch at outlet of channel	NA	NA
	3. Installed Plant Capacity	NA	NA
How treatment plant system capacity is assessed?	1. Through rigorous testing and commissioning procedures	YES	YES
	2. On the basis of reliable operational data	YES	YES
	3. No estimate of treatment capacity that is actually functional and in operation	NA	NA
How is quantity of septage collected estimated?	1.Bulk meters at inlet of treatment plant	NA	NO
	2. Register maintained for number and volume of trucks	NO	NO

	emptier at the treatment plant or dump site		
	2. Installed Plant Capacity	YES	YES
	4. Number of septic tank cleaned annually	NO	NO
How quantity of septage actually treated estimated?	1.Weighing scale at outlet of treatment plant	NO	NO
	2. Installed Plant Capacity	YES	YES
Record keeping of wastewater and septage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

8. Quality of Wastewater

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
Are proper records of samples conducted and passed/failed for all parameters (BOD, COD, etc) maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	NO	NO
	2. Accredited centres regularly	YES	YES
How are audits to monitor waste water quality procedures carried out?	1. by independent agencies periodically	YES	YES
	2. ULB itself occassionally	NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

9. SWM

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
How is quantity of waste generated estimated?	1. Quarterly/ sample surveys	NO	NO
	2. Per capita waste generation	YES	YES
How is quantity of waste segregated estimated?	1. Measurement at treatment/disposal site	NA	NA
	2. HHs & establishments with two bins	NA	NA
	3. Inputs from door to door collection agencies	NA	NA
Estimation of municipal waste received at			
Treatment plant	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Scientific landfil	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Open dumps	1. Weighbrige	NO	NO
	2. On the basis of Trips	YES	YES
	3. Aggregate mass balance	NO	NO
Record keeping at			
Treatment plant	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Scientific landfil	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Open dumps	1. Computerised	NO	NO
	2. Only Manual	YES	YES

10. Finance

Reliability parameters for water supply, wastewater, SWM and SWD	2018-2019	2019-2020

Is regualar (quarterly/annual) reporting of the financial statements conducted to state/central agencies?		YES	YES
Are arrears segregated from current demand in financial statements/budgets?		YES	YES
Extent of segregation of budget heads for			
Water supply	1. Fully	YES	YES
	2. Partially	NO	NO
Wastewater (sewage, sullage, septage, public and community toilets)	1. Fully	NO	NO
	2. Partially	YES	YES
SWM	1. Fully	NO	NO
	2. Partially	YES	YES
Accounting System	1. Accrual-Double entry	NO	NO
	2. Cash Based	YES	YES
	3. Both systems	NO	NO
Are records maintained for charges collected against the specific bill issued?	1. Water supply	YES	YES
	2. Sewerage	YES	YES
	3. SWM	NO	NO
Are DCB tables linked to billing and collection system?		YES	YES
Billing Systems	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Are billing and collection records regularly updated?		YES	YES
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

11. Complaint Redressal System

Reliability parameters for water supply, wastewater, SWM and SWD		2018-2019	2019-2020
Are records of complaints redressed maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
System for Collating, sorting and tracking of complaints			
Water supply	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)	1. Computerised	NO	NO
	2. Only Manual	YES	YES
SWM	1. Computerised	YES	YES
	2. Only Manual	YES	YES
Are the records of types of complaints (low water pressure, no water, sewer blocks, etc) maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
Are multiple mechanisms to register complaints (through telephone, in person, by email) available to the consumers in			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES

Remark

Item	Unit	2018-2019	2019-2020
Remark		-1	-1

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

24x7 WATER SUPPLY IN COMMUNITY AND PUBLIC TOILETS: FY 2019-2020

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1. COMMUNITY TOILETS

Item	Unit	2018-2019	2019-2020
1.1 Number of community toilet blocks in ULBs	Number	277	277
1.2 Number of community toilet blocks assured 24x7 water supply	Number	277	277
1.3 Number of community toilet blocks connected with municipal water supply connections	Number	0	0
1.4 Number of community toilet blocks connected with bore well	Number	277	276
1.5 Number of community toilet blocks connected with tanker supply	Number	0	1
1.6 Number of community toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.7 Number of community toilet blocks operated and maintained by ULB	Number	247	247
1.8 Number of community toilet blocks operated and maintained by private agency	Number	30	30
1.9 Number of community toilet blocks operated and maintained by community	Number	0	0

2. PUBLIC TOILETS

Item	Unit	2018-2019	2019-2020
1.10 Number of public toilet blocks in ULBs (including public toilets at bus stations, railway stations, markets, etc.)	Number	139	139
1.11 Number of public toilet blocks assured 24x7 water supply	Number	0	139
1.12 Number of public toilet blocks connected with municipal water supply connections	Number	0	0
1.13 Number of public toilet blocks connected with bore well	Number	139	138
1.14 Number of public toilet blocks connected with tanker supply	Number	0	1
1.15 Number of public toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.16 Number of public toilet blocks operated and maintained by ULB	Number	139	139
1.17 Number of public toilet blocks operated and maintained by private agency	Number	0	0
1.18 Number of public toilet blocks operated and maintained by other agency	Number	0	0

Remark

	2018-2019	2019-2020
Remark		

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER-BODIES REJUVENATION AND RAIN WATER HARVESTING : FY 2019-2020

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1. WATER BODIES REJUVENATION

Item	Unit	2018-2019	2019-2020
1.1 Does ULB have water body (i.e. Lakes, Ponds, Tanks, Stepwells/Baolis) in the city?	Yes/No		YES
1.2 If yes, total number of existing water bodies in the city	Number		02
1.3 Total area of water bodies (If more than one then enter total area of all the water bodies)	Sq Km		0.8237
1.4 Does city rejuvenated water bodies till April 2019?	Yes/No		NO
1.5 If yes, number of water bodies rejuvenated before April 2019	Number		0
1.6 Total area of water bodies that are rejuvenated before the April 2019 (If more than one then enter total area of all the water bodies that were rejuvenated)	Sq Km		0
1.7 Number of water bodies are rejuvenated between April 2019 to August 2020	Number		0
1.8 Total area of water bodies that are rejuvenated between September 2019 to August 2020 (If more than one then enter total area of all the water bodies that are rejuvenated)	Sq Km		0
1.9 Does city have plan to rejuvenate water bodies next year (September 2020 to August 2021)?	Yes/No		YES
1.10 If yes, then number of water bodies that will be rejuvenated next year (September 2020 to August 2021)	Number		1
1.11 Does ULB conduct pre monsoon cleaning of water bodies ?	Yes/No		NO
1.12 If yes, number of water bodies cleaned in this year	Number		0

2. RAINWATER HARVESTING

Item	Unit	2018-2019	2019-2020
2.1 Total number of properties with RWH structure	Number		48
2.2 Does city government completed any RWH project in current financial year?	Yes/No		YES
2.3 If yes, then number of RWH project completed in this financial year	Number		05
2.4 Does ULB link rainwater harvesting (RWH) structure data with property database?	Yes/No		NO
2.5 Does ULB check functionality of RWH structure?	Yes/No		YES
2.6 If yes, Number of non-functional RWH structures	Number		0

Remark

	2018-2019	2019-2020
Remark		

About CEPT

CEPT University located in Ahmedabad in India is a leading institution offering undergraduate and postgraduate programmes in Architecture, Planning, Building Construction, Interior Design, Technology Management and Arts through its various schools. Since its inception in 1962, CEPT's mission has been to contribute to development issues related to urban and rural settlements through its academic programmes as well as research and professional activities. In 2005, it was made into a State University by an Act of the State Legislative Assembly of Gujarat.

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

GENERAL INFORMATION: FY 2020-2021

Go Back to Data Entry

1. Demographics

Item	Unit	2019-2020	2020-2021
1.1 Population (Census 2001/2011)	Persons	647057	647057
1.2 Decadal Growth Rate of the City	%	17.71	17.71
1.3 Population (Present Year)	Persons	750589	750589
1.4 Number of Households (Census 2001/2011)	Number	136796	136796
1.5 Number of Households (Present Year)	Number	157356	161810
1.6 Family Size (Census 2001/2011)	Persons	4.73	4.73
1.7 Family Size (Present Year)	Persons	4.77	4.64
1.8 Number of Slums (2001/2011)	Number	102	102
1.9 Number of Slums (Present Year)	Number	126	126
1.10 Number of Slum Households (2001/2011)	Number	18000	18000
1.11 Number of Slum Households (Present Year)	Number	60229	60229
1.12 Number of Properties (2001/2011)	Number	83136	83136
1.13 Number of Properties excluding open plots (Present Year)	Number	153187	153686
1.14 Number of Election Wards (2001/2011)	Number	81	81
1.15 Number of Election Wards (Present Year)	Number	22	22
1.16 Town/City Area (Census 2001/2011)	Sq.km	121.65	121.65
1.17 Present Town/City Area	Sq.km	121.65	121.65
Built up area within Municipal Boundary	Sq.km	107.15	109.85
1.18 Population Density (Present Year)	Number	6170.0	6170
1.19 Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2001/2011)	Number	15550	15550
1.20 Number of Commercial and other establishments (offices, institutions, markets,Hotels and Restaurants)(Present Year)	Number	26505	28200

Remark

Item	Unit	2019-2020	2020-2021
Remark		1.13 - data is correct as per records - validation certificate has been submitted.	

2. Service Provider Details - Water Supply

2.1 Name of Town/City	Amravati
2.2 Name of the Department/Unit	MJP
2.3 Name of the Head of Department/Unit	Mr. Rakatade
2.4 Designation of the Department Head	Ex Engineer
2.5 Address	Maltekadi Amravati Division
2.6 Telephone Number	07212551303
2.7 Mobile Number	9421830634
2.8 Fax Number	07212663332
2.9 Email	mail.mjp@gov.in
2.10 Website	mjp.maharashtra.gov.in
2.11 Name of the Contact Person	Mr. Wakekar
2.12 Designation of the contact person	Dy Engineer
2.13 Address	Maltekadi Amravati Division
2.14 Telephone Number	07212663341
2.15 Mobile Number	8380049517
2.16 Fax Number	07212663332
2.17 Email	mail.mjp@gov.in
2.18 Website	mjp.maharashtra.gov.in

3. Service Provider Details - Sewerage and Drainage

3.1 Name of Town/City	Amravati
3.2 Name of the Department/Unit	MJP
3.3 Name of the Head of Department/Unit	Mr. Satish Bakshi
3.4 Designation of the Department Head	Ex Eng.
3.5 Address	MJP Amravati Jail Road Camp
3.6 Telephone Number	9763714301
3.7 Mobile Number	9763714301
3.8 Fax Number	07212663332
3.9 Email	mjpsubn1@gmail.com
3.10 Website	mjp.maharashtra.gov.in
3.11 Name of the Contact Person	darvekar
3.12 Designation of the contact person	Asst Eng
3.13 Address	MJP Amravati Jail Road Camp
3.14 Telephone Number	9657713516
3.15 Mobile Number	9657713516
3.16 Fax Number	07212663332
3.17 Email	dndarwhekar@gmail.com
3.18 Website	mjp.maharashtra.gov.in

4. Service Provider Details - Solid Waste Management

4.1 Name of Town/City	Amravati
4.2 Name of the Department/Unit	Sanitation department
4.3 Name of the Head of Department/Unit	Dr. Seema Naitam
4.4 Designation of the Department Head	M.O.H. sanitation
4.5 Address	Amravati Municipal Corporation Amravati
4.6 Telephone Number	0721576482
4.7 Mobile Number	7030922874

4.8 Fax Number	07212673950
4.9 Email	sanitationdepartment.amc@gmail.com
4.10 Website	www.amtcorp.org
4.11 Name of the Contact Person	
4.12 Designation of the contact person	
4.13 Address	
4.14 Telephone Number	0721576482
4.15 Mobile Number	
4.16 Fax Number	07212673950
4.17 Email	sanitationdepartment.amc@gmail.com
4.18 Website	www.amtcorp.org

5. Service Provider Details - Slums

5.1 Name of Town/City	Amravati
5.2 Name of the Contact Person for Information related to slums	Mr. Ravindra Pawar
5.3 Designation	City Engineer
5.4 Address	AMC
5.5 Telephone Number	7030922884
5.6 Mobile Number	7030922884
5.7 Fax Number	07212673950
5.8 Email	
5.9 Website	www.amtcorp.org

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER SUPPLY : FY 2020-2021

Go Back to Data Entry

1. COVERAGE OF WATER SUPPLY CONNECTIONS

Water Service Coverage - Number of Connections

Item	Unit	2019-2020	2020-2021
Does the ULB have water meters at consumer end?	Yes/No		YES
1.1 Domestic Connections (Metered Functional)	Number	87325	87773
1.2 Domestic Connections (Metered Non-Functional)	Number	4596	5200
1.3 Domestic Connections (Unmetered)	Number	0	0
Domestic connections (Total)	Number	91921	92973
1.4 Bulk supply Apartments (Metered Functional)	Number	259	259
1.5 Bulk supply Apartments (Metered Non-Functional)	Number	30	30
1.6 Bulk supply Apartments (Unmetered)	Number	0	0
Bulk supply Apartments (Total)	Number	289	289
1.7 Bulk supply Layouts/Societies (Metered Functional)	Number	86	86
1.8 Bulk supply Layouts/Societies (Metered Non-Functional)	Number	10	10
1.9 Bulk supply Layouts/societies (Unmetered)	Number	0	0
Bulk supply Layouts/Societies (Total)	Number	96	96
1.10 Others-Specify (Metered Funtional)	Number	0	0
1.11 Others-Specify (Metered Non-Functional)	Number	0	0
1.12 Others-Specify (Unmetered)	Number	0	0
Others - Specify (Total)	Number	0	0
Total Number of Water Supply Connections - Residential	Number	92306	93358

Water Service Coverage - Households Served

Item	Unit	2019-2020	2020-2021
1.13 Households served by Domestic Connections	Number	91921	92973
1.14 Households served by Bulk supply - Apartments	Number	9880	9880
1.15 Households served by Bulk supply - Layouts/Societies	Number	7650	7650
Total Households served with Water Supply	Number	109451	110503

Households served by one sources such as wells, handpumps shall not be included.

2. PER CAPITA SUPPLY OF WATER

Water Production Capacity

Item	Unit	2019-2020	2020-2021
2.1 Installed Capacity of Treatment Plants for Surface Water Sources	MLD	95.0	95.0
2.2 Volume of water produced through Surface Water Sources	MLD	110.0	110.0

2.3 Installed Capacity of Treatment Plants for Ground Water Sources	MLD	0.0	120.0
2.4 Volume of water produced through Ground water (power pumps)	MLD	0.0	0.0
2.5 Volume of water produced through any Other Sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
Total Installed Capacity	MLD	95.00	215.000
Total Volume of water produced	MLD	110.00	110.000

Water Consumption

Item	Unit	2019-2020	2020-2021
2.6 Volume of water billed from Domestic Connections	MLD	59.84	62.84
2.7 Volume of water billed from Bulk supply Apartments	MLD	3.85	3.85
2.8 Volume of water billed from Bulk supply Layouts/Societies	MLD	4.6	4.6
2.9 Volume of water billed from Non domestic Connections	MLD	2.5	2.5
2.10 Volume of water billed from Public taps	MLD	8.48	8.5
2.11 Volume of water billed from any other sources	MLD	0.0	0.0
Total Volume of water billed	MLD	79.27	82.29
Total Volume of water unbilled (free supplies to Public taps, stand posts, hand pumps, etc.)	MLD	8.48	8.48
Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	0.0	0.0

3. EXTENT OF NON REVENUE WATER (NRW)

Item	Unit	2019-2020	2020-2021
3.1 Total Volume of Water Produced	MLD	110.00	110.000
3.2 Total Volume of Water Billed	MLD	79.27	82.29

4. EXTENT OF METERING OF WATER SUPPLY CONNECTIONS

Item	Unit	2019-2020	2020-2021
4.1 Non domestic incl. commercial/Indus/Instl. (Metered Functional)	Number	1025	1025
4.2 Non domestic incl. commercial/Indus/Instl. (Metered Non-Functional)	Number	35	35
4.3 Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number	0	0
Non domestic incl. commercial/Indus/Instl. (Total)	Number	1060	1060
4.4 Public taps, stand posts and hand pumps (Metered Functional)	Number	0	0
4.5 Public taps, stand posts and hand pumps (Metered Non-Functional)	Number	0	0
4.6 Public taps, stand posts and hand pumps (Unmetered)	Number	954	954
Public Taps (Total)	Number	954	954
Total number of metered and functional connections (domestic, bulk supply, others)	Number	87670	88118
Total number of Water Supply Connections	Number	94320	95372

5. CONTINUITY OF WATER SUPPLY

Water Supply Frequency

Item	Unit	2019-2020	2020-2021
5.1 Days of supply per month	Number	30	30
5.2 Hours of supply per day to consumer	Hours	3.0	3.0

6. EFFICIENCY OF REDRESSAL OF COMPLAINTS

Consumer Services

Item	Unit	2019-2020	2020-2021
6.1 Complaints received during the year	Number	1677	1800
6.2 Complaints resolved within 24 hours during the year	Number	1638	1755

7. QUALITY OF WATER SUPPLIED

Treated Water Quality Surveilance

Item	Unit	2019-2020	2020-2021
7.1 Residual Chlorine - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	8200	8200
7.2 Residual Chlorine - No. of Samples taken at intermediate points (in a year)	Number	6700	6700
7.3 Residual Chlorine - No. of Samples taken at consumer end (in a year)	Number	2500	2500
7.4 Total Samples taken for Residual Chlorine tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Residual Chlorine tests	Number	17400	17400
7.5 Number of Samples Passed	Number	17360	17380
7.6 Physical/Chemical - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	4	4
7.7 Physical/Chemical - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.8 Physical/Chemical - No. of Samples taken at consumer end (in a year)	Number	0	0
7.9 Total Samples taken for Physical/Chemical tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Physical and Chemical tests	Number	4	4
7.10 Number of Samples Passed	Number	4	4
7.11 Bacteriological - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	300	300
7.12 Bacteriological - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.13 Bacteriological - No. of Samples taken at consumer end (in a year)	Number	1600	1600
7.14 Total Samples taken for Bacteriological tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Bacteriological tests	Number	1900	1900
7.15 Number of Samples Passed	Number	1880	1885
Total Number of Samples taken for all types of tests	Number	19304	19304
Total Tests Passed	Number	19244	19269

8. COST RECOVERY IN WATER SUPPLY SERVICES

Financial Information - Operating Expenses

Item	Unit	2019-2020	2020-2021
8.1 Regular Staff and administration	Rs. Lakhs	553.24	570.19
8.2 Outsourced/Contract Staff Costs	Rs. Lakhs	0.0	0.0
8.3 Electricity Charges/Fuel Costs	Rs. Lakhs	1212.58	1384.88
8.4 Chemical Costs	Rs. Lakhs	17.03	38.01
8.5 Repairs/Maintenance Costs	Rs. Lakhs	407.48	505.05
8.6 Bulk (Raw/Treated) Water Charges	Rs. Lakhs	142.56	177.62
8.7 Other Costs	Rs. Lakhs	28.5	0.81
Total Operating Expenditure	Rs. Lakhs	2361.39	2676.56

Financial Information - Operating Revenues

Item	Unit	2019-2020	2020-2021
8.8 Arrears at the beginning of the Current year	Rs. Lakhs	30906.71	35521.14
8.9 Revenue demand from user charges	Rs. Lakhs	4591.11	4623.0
8.10 Revenue demand from tax/cess - Water Service only	Rs. Lakhs	0.0	32.0
8.11 Revenue demand from other revenues (eg. connection costs/Donations etc)	Rs. Lakhs	30.0	0.0
Total Revenue Demand for the current year	Rs. Lakhs	4621.11	4655.00

9 COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES

Item	Unit	2019-2020	2020-2021

9.1 Total Revenue Demand(from user charges, taxes etc)	Rs. Lakhs	4621.11	4655.00
9.2 Collection against arrears	Rs. Lakhs	500.0	450.0
9.3 Collection against the current demand of the year	Rs. Lakhs	2255.0	1944.3

10 Additional Information (Optional)

Staff Information

Item	Unit	2019-2020	2020-2021
10.1 Senior Management (Sanctioned)	Number	1	1
10.2 Senior Management (Working)	Number	1	1
10.3 Engineers (Sanctioned)	Number	7	7
10.4 Engineers (Working)	Number	5	5
10.5 Clerks/Accountants (Sanctioned)	Number	2	2
10.6 Clerks/Accountants (Working)	Number	1	1
10.7 Work Inspectors/Meter Readers (Sanctioned)	Number	40	40
10.8 Work Inspectors/Meter Readers (Working)	Number	2	1
10.9 Electricians/Fitters (Sanctioned)	Number	10	10
10.10 Electricians/Fitters (Working)	Number	1	0
10.11 Lines men/plumbers (Sanctioned)	Number	18	18
10.12 Lines men/plumbers (Working)	Number	8	8
10.13 Labourers (Sanctioned)	Number	150	150
10.14 Labourers (Working)	Number	73	50
Total (Sanctioned)	Number	228	228
Total (Working)	Number	91	66

Connection Costs for Water Connections

Item	Unit	2019-2020	2020-2021
10.15 Residential - General	Rs.	4520	4520
10.16 Residential - Urban Poor	Rs.	4520	4520
10.17 Institutional	Rs.	8520	8520
10.18 Commercial	Rs.	21520	21520
10.19 Industrial	Rs.	21520	21520

Water Tariff Structure - Flat Rate Tariff

Item	Unit	2019-2020	2020-2021
10.20 Residential - General	Rs./Month	510.0	510.0
10.21 Residential - Urban Poor	Rs./Month	510.0	510.0
10.22 Institutional	Rs./Month	782.0	782.0
10.23 Commercial	Rs./Month	1961.0	1961.0
10.24 Industrial	Rs./Month	1961.0	1961.0

Water Tariff Structure - Volumetric Tariff

Item	Unit	2019-2020	2020-2021
10.25 Residential - General	Rs./KL	17.3	17.3
10.26 Residential - Urban Poor	Rs./KL	17.3	17.3
10.27 Institutional	Rs./KL	33.3	33.3
10.28 Commercial	Rs./KL	79.9	79.9
10.29 Industrial	Rs./KL	79.9	79.9

Remark

☐ Update

Item	Unit	2019-2020	2020-2021
1. COVERAGE OF			

	WATER SUPPLY CONNECTIONS is reduced because connections provisioning is not increased in proportion to the increase in population. 3. EXTENT OF NON REVENUE WATER (NRW) is decreased because Water billed is increased comparatively efficiently with respect to the water produced. 4. EXTENT OF METERING OF WATER SUPPLY CONNECTIONS is increased because the metering (functional) is substantially increased with respect to the number of connections. 8. COST RECOVERY IN WATER SUPPLY SERVICES is decreased compared to the previous year because Electricity - Repair and maintenance and bulk water charges have increased and comparatively the revenue demand from user charges did not increase. 8.1 Staffing cost is decreased although number of staff has increased because high paid senior staff is replaced with more number of low paid junior staff. 9. COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES is reduced because collection affected due to COVID 10.20 to 10.24 - rates confirmed by the ULB	
Remark		

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Gujarat.

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

SEWERAGE AND DRAINAGE : FY 2020-2021

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1. COVERAGE OF TOILETS

Sanitation Coverage

Item	Unit	2019-2020	2020-2021
1.1 Total Number of Properties in the City	Number	153187	153686
1.2 Properties with toilets	Number	148831	148831
1.3 Households dependent on functional community toilets	Number	4356	4855
1.4 Total Number of Properties with access to toilets	Number	153187	153686

2. COVERAGE OF SEWAGE NETWORK SERVICES

Item	Unit	2019-2020	2020-2021
2.1 Total Number of Properties in the City	Number	153187	153686
2.2 Properties with sewer connections	Number	5177	8240
2.3 Properties with onsite sanitary disposal	Number	148010	145446.00

3. COLLECTION EFFICIENCY OF SEWAGE NETWORK

Waste Water Production - Volume of Water Consumed and Waste Water Generated

Item	Unit	2019-2020	2020-2021
3.1 Volume of water consumed and billed from Domestic Connections	MLD	59.84	62.84
3.2 Volume of water consumed and billed from Bulk supply - Apartments	MLD	3.85	3.85
3.3 Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD	4.6	4.6
3.4 Volume of water consumed and billed from Non domestic Connections	MLD	2.5	2.5
3.5 Volume of water consumed (both billed and unbilled) from Public taps	MLD	16.96	16.98
3.6 Volume of water from free supplies (other connections)	MLD	0.00	0.00
3.7 Volume of water consumed and billed from any other ULB sources	MLD	0.0	0.0
3.8 Volume of water consumed from any Non ULB water sources	MLD	4.5	4.5
3.9 Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD	92.25	95.27
3.10 Volume of waste water generated from Domestic Water Consumption	MLD	47.87	50.27
3.11 Volume of waste water generated from Bulk Supply - Apartments	MLD	3.08	3.08
3.12 Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD	3.68	3.68
3.13 Volume of waste water generated from Non Domestic Water Consumption	MLD	2.00	2.00
3.14 Volume of waste water generated from Public Tap Water Consumption	MLD	13.57	13.58
3.15 Volume of waste water generated from free supplies (other connections)	MLD	0.00	0.00
3.16 Volume of waste water generated from other ULB source water consumption	MLD	0.00	0.00
3.17 Volume of waste water generated from Non ULB source Water consumption	MLD	3.60	3.60

Total Waste Water Generated	MLD	73.80	76.22

Waste Water Collection and Treatment

Item	Unit	2019-2020	2020-2021
3.18 Volume of sewage actually treated at the Primary Treatment Plant	MLD	30.0	44.0
3.19 Volume of sewage actually treated at Secondary Treatment Plant	MLD	30.0	44.0
3.20 Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	30.00	44.0

4. ADEQUACY OF SEWAGE TREATMENT CAPACITY

Item	Unit	2019-2020	2020-2021
4.1 Installed Capacity of Primary Treatment Plant	MLD	74.5	74.5
4.2 Installed Capacity of Secondary Treatment Plant	MLD	74.5	74.5
4.3 Total Installed Capacity (Primary / Secondary Treatment)	MLD	74.5	74.5
4.4 Total Waste Water Generated	MLD	73.80	76.22

5. EXTENT OF REUSE AND RECYCLING OF SEWAGE

Item	Unit	2019-2020	2020-2021
5.1 Volume of sewage actually treated at Secondary Treatment Plant	MLD	30.0	44.0
5.2 Volume of treated waste water reused after Secondary Treatment	MLD	0.0	0.0

6. QUALITY OF SEWAGE TREATMENT

Discharge Compliance after Secondary Treatment of Sewage

Item	Unit	2019-2020	2020-2021
6.1 Number of Treated Effluent Samples Tested in a year	Number	24	24
6.2 Number of Treated Effluent Samples Passed in a year	Number	24	24

7. EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS

Consumer Services

Item	Unit	2019-2020	2020-2021
7.1 Sewage related Complaints received during the year	Number	12	30
7.2 Sewage related Complaints resolved within 24 hours during the year	Number	12	30

8. EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT

Financial Information - Annual Operating Expenses

Item	Unit	2019-2020	2020-2021
8.1 Regular Staff and Administration	Rs.Lakhs	295.0	295.0
8.2 Outsourced /Contract Staff Costs	Rs.Lakhs	19.5	19.5
8.3 Electricity Charges /Fuel Costs	Rs.Lakhs	41.2	41.2
8.4 Chemicals Costs	Rs.Lakhs	0.0	0.0
8.5 Repairs/Maintenance Costs	Rs.Lakhs	4.5	44.5
8.6 Contractor Costs for O&M	Rs.Lakhs	1700.0	1700.0
8.7 Ohers (Specify)	Rs.Lakhs	0.0	0.0
Total Annual Operating Expenses	Rs.Lakhs	2060.20	2100.20

Financial Information - Annual Operating Revenues

Item	Unit	2019-2020	2020-2021
8.8 Arrears at the beginning of the current year	Rs.Lakhs	0.0	0.0
8.9 Revenue demand from user charges - sewerage only	Rs.Lakhs	0.0	0.0
8.10 Revenue demand from tax/cess - sewerage only	Rs.Lakhs	0.0	0.0
8.11 Revenue demand from other sources (eg. connection costs/septage emptying charges/donations etc.)	Rs.Lakhs	2.15	2.15
Total Revenue Demand for current year	Rs.Lakhs	2.15	2.15

Total Revenue Demand for current year	Rs.Lakhs	2.15	2.15

9. EFFICIENCY IN COLLECTION OF SEWAGE CHARGES

Consumer Services

Item	Unit	2019-2020	2020-2021
9.1 Total Revenue Demand for current year	Rs.Lakhs	2.15	2.15
9.2 Collection against arrears	Rs.Lakhs	NA	NA
9.3 Collection against current demand	Rs.Lakhs	NA	NA

10. Storm Water Drainage Data

COVERAGE OF STORM WATER DRAINAGE NETWORK

Item	Unit	2019-2020	2020-2021
10.1 Total Length of Road Network	Kilometers	1233.21	1233.21
10.2 Total Length of Pucca covered drains	Kilometers	80.77	80.77

INCIDENCE OF WATER LOGGING/FLOODING

Item	Unit	2019-2020	2020-2021
10.3 Number of Flood Prone Points in the city	Number	0.0	0.0
10.4 Average Frequency of Flooding	Number	0.0	0.0

11. Additional Information (Optional)

Staff Information

Item	Unit	2019-2020	2020-2021
11.1 Senior Management (Sanctioned)	Number	0	0
11.2 Senior Management (Working)	Number	0	0
11.3 Engineers (Sanctioned)	Number	0	0
11.4 Engineers (Working)	Number	0	0
11.5 Clerks/Accountants (Sanctioned)	Number	0	0
11.6 Clerks/Accountants (Working)	Number	0	0
11.7 Labourers/Cleaners (Sanctioned)	Number	320	320
11.8 Labourers/Cleaners (Working)	Number	320	320
Total (Sanctioned)	Number	320	320
Total (Working)	Number	320	320

Septage Management

Item	Unit	2019-2020	2020-2021
11.9 Does the ULB practice septage management	Yes/No	YES	YES
11.10 Septage sucking machines available within ULB	Number	6	6
11.11 Private Septage machines licenced by ULB	Number	0	0

Connection Costs for Sewerage Connections

Item	Unit	2019-2020	2020-2021
11.12 Residential - General	Rs	250.0	0.0
11.13 Residential - Urban Poor	Rs	250.0	0.0
11.14 Institutional	Rs	250.0	0.0
11.15 Commercial	Rs	250.0	0.0
11.16 Industrial	Rs	250.0	0.0

Sewerage Tariff Structure - Flat Rate Tariff

Item	Unit	2019-2020	2020-2021
11.17 Residential - General	Rs./Month	0.0	0.0
11.18 Residential - Urban Poor	Rs./Month	0.0	0.0
11.19 Institutional	Rs./Month	0.0	0.0
11.20 Commercial	Rs./Month	0.0	0.0

11.21 Industrial	Rs./Month	0.0	0.0

Sewerage Tariff Structure - Volumetric Tariff

Item	Unit	2019-2020	2020-2021
11.22 Residential - General	Rs./KL	NA	NA
11.23 Residential - Urban Poor	Rs./KL	NA	NA
11.24 Institutional	Rs./KL	NA	NA
11.25 Commercial	Rs./KL	NA	NA
11.26 Industrial	Rs./KL	NA	NA

Remark

Update

Item	Unit	2019-2020	2020-2021
Remark		1.2 and 2.3 wrong value input in the last year - check remark for General Info sheet. 2. COVERAGE OF SEWAGE NETWORK SERVICES is slightly increased because -Properties with sewer connections- have proportionately slightly increased in comparison to the total number of properties. 3. COLLECTION EFFICIENCY OF SEWAGE NETWORK is significantly increased because the input in the primary and secondary treatment plant has significantly increased. 3.8 Water tankers 4. ADEQUACY OF SEWAGE TREATMENT CAPACITY has reduced because waste water generation has increased 8.1 Staff salaries are revised. 10. COVERAGE OF STORM WATER DRAINAGE NETWORK increased because length of pucca drains have increased.	

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Gujarat.

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Solid Waste Management : FY 2020-2021

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1. Household Level Coverage Of Solid Waste Management Services

Door to Door Collection - Number of HHs and establishments covered by Door to Door Collection

Item	Unit	2019-2020	2020-2021
1.1 Number of Households covered by Door to Door Collection	Number	157356.0	161810.0
1.2 Number of Hotels and Restaurants covered by Door to Door Collection	Number	600.0	700.0
1.3 Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number	25798.0	25800.0
1.4 Number of any other establishments (incl. markets) covered by Door to Door Collection	Number	107.0	128.0
1.5 Total number of establishments covered by door to door collection (if typewise establishments is not available)	Number	0.0	0.0
Total Number of Households and Establishments covered by Door to Door Collection	Number	183861	188438

2. Efficiency Of Collection Of Municipal Solid Waste

Waste Generation

Item	Unit	2019-2020	2020-2021
2.1 Waste Generated by Households	MT/Month	0.0	0.0
2.2 Waste Generated by Street Sweeping	MT/Month	0.0	0.0
2.3 Waste Generated by Hotels and Restaurants	MT/Month	0.0	0.0
2.4 Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/Month	0.0	0.0
2.5 Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/Month	0.0	0.0
2.6 Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/Month	0.0	0.0
2.7 Total Waste Generated (if typewise generation is not available)	MT/Month	6894.0	9054.0
Total Waste Generated	MT/Month	6894.00	9054.00
Total Waste Generated per capita	Gms/Day/Capita		402.08

Waste Collection and Transportation - Details of waste received at Processing/ Disposal Facilities

Item	Unit	2019-2020	2020-2021
2.8 Quantity of waste received at processing and recycling facilities	MT/Month	6894.0	6894.0
2.9 Quantity of waste received at disposal sites	MT/Month	0.0	0.0
Total waste received at processing/disposal facility and recycled	MT/Month	6894.00	6894.00

Waste Collection and Transportation - Details of waste transported to Processing/ Disposal Facilities

Item	Unit	2019-2020	2020-2021
2.10 Number of trucks used for transportation of waste	Number	45	45
2.11 Capacity of each trucks	Metric Tons	1.2	1.2
2.12 Total number of trips made by trucks each day to the disposal site	Trips Per Day	2.0	2.0

Total quantity of waste collected by trucks	MT/Month	3240.00	3240.00
2.13 Number of dumper placers used for transportation of waste	Number	0	0
2.14 Capacity of each dumper placer	Metric Tons	0.0	0.0
2.15 Total number of trips made by all dumper placers each day to the disposal site	Trips Per Day	0.0	0.0
Total quantity of waste collected by dumper placers	MT/Month	0.00	0.00
2.16 Number of mini lorries used for transportation of waste	Number	0	0
2.17 Capacity of each mini lorry	Metric Tons	0.0	0.0
2.18 Total number of trips made by all mini lorries each day to the disposal site	Trips Per Day	0.0	0.0
Total quantity of waste collected by mini lorries	MT/Month	0.00	0.00
2.19 Number of tractor trailers used for transportation of waste	Number	2	2
2.20 Capacity of each tractor trailer	Metric Tons	0.5	0.5
2.21 Total number of trips made by all tractor trailer each day to the disposal site	Trips Per Day	3.0	3.0
Total quantity of waste collected by tractor trailer	MT/Month	90.00	90.00
2.22 Number of tipper trucks used for transportation of waste	Number	0	0
2.23 Capacity of each tipper trucks	Metric Tons	0.0	0.0
2.24 Total number of trips made by all tipper trucks each day to the disposal site	Trips Per Day	0.0	0.0
Total quantity of waste collected by tipper trucks	MT/Month	0.00	0.00
2.25 Number of 3 wheeler auto tippers used for transportation of waste	Number	132	132
2.26 Capacity of each 3 wheeler auto tipper	Metric Tons	0.3	0.3
2.27 Total number of trips made by all 3 wheeler auto tippers each day to the disposal site	Trips Per Day	3.0	3.0
Total quantity of waste collected by 3 wheeler auto tippers	MT/Month	3564.00	3564.00
Total quantity of waste collected and transported to disposal site	MT/Month	6894.00	6894.00

3. Extent Of Segregation Of Municipal Solid Waste

Segregation of Waste

Item	Unit	2019-2020	2020-2021
3.1 Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/Month	480.0	581.0
3.2 Quantity of waste taken away by recycler from intermediate points	MT/Month	0.0	0.0

4. Extent Of Municipal Solid Waste Recovered

Quantity of Waste Processing

Item	Unit	2019-2020	2020-2021
4.1 Installed Capacity of Composting Plant	MT/Month	7500.0	7500.0
4.2 Waste Quantity Input at the Composting Plant	MT/Month	5644.0	5644.0
4.3 Installed Capacity of Vermi-composting Plant	MT/Month	1000.0	1000.0
4.4 Waste Quantity Input at the Vermi-composting Plant	MT/Month	1000.0	1000.0
4.5 Installed Capacity of Refuse Derived Fuel	MT/Month	0.0	0.0
4.6 Waste Quantity Input at the Refuse Derived Fuel	MT/Month	0.0	0.0
4.7 Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/Month	150.0	150.0
4.8 Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/Month	150.0	150.0
4.9 Installed Capacity of any other processing facilities	MT/Month	100.0	100.0
4.10 Waste Quantity Input at other processing facilities	MT/Month	100.0	100.0
Total Installed Capacity of Processing facilities	MT/Month	8750.00	8750.00
Total Waste Quantity Input at all types of processing facilities	MT/Month	6894.00	6894.00
4.11 Quantity of waste rejected by processing facilities at intake point	MT/Month	0.0	0.0
4.12 Quantity of post-processing rejects sent to dumpsite/ landfills	MT/Month	0.0	0.0
Total Waste Processed in the ULB	MT/Month	6894.00	6894.00

5. Extent Of Scientific Disposal Of Municipal Solid Waste

Quantity of Waste Disposal

Item	Unit	2019-2020	2020-2021
5.1 Quantity of waste disposed in compliant landfill sites	MT/Month	NA	NA
5.2 Quantity of waste disposed in open dump sites	MT/Month	0.0	0.0

6. Efficiency In Redressal Of Customer Complaints

Customer Service

Item	Unit	2019-2020	2020-2021
6.1 Complaints received during the year	Number	23020.0	9000.0
6.2 Complaints resolved within 24 hours during the year	Number	23020.0	9000.0

7. Extent Of Cost Recovery In SWM Services

Financial Information - Operational Expenditure on SWM during previous year

Item	Unit	2019-2020	2020-2021
7.1 Regular Staff & Administration	Rs In Lakh	1335.0	1335.0
7.2 Outsourced/Contracted Staff Costs	Rs In Lakh	1845.0	1845.0
7.3 Electricity Charges/Fuel Costs	Rs In Lakh	82.0	82.0
7.4 Chemical Costs	Rs In Lakh	22.0	22.0
7.5 Repair/Maintenance Costs	Rs In Lakh	30.0	30.0
7.6 Contracted Services Cost	Rs In Lakh	900.0	900.0
7.7 Other Costs (Specify)	Rs In Lakh	0.0	0.0
Total Operational Expenses	Rs In Lakh	4214.00	4214.00

Financial Information - Operational Revenues from SWM during previous year

Item	Unit	2019-2020	2020-2021
7.8 Arrears at the beginning of current year	Rs In Lakh	0.0	0.0
7.9 Tax / Cess - Solid Waste only	Rs In Lakh	0.0	0.0
7.10 User Charges	Rs In Lakh	0.0	0.0
7.11 Fixed Charges based on Property Tax/ State Taxes/Cess/Surcharges	Rs In Lakh	0.0	0.0
7.12 Sale of Recyclables	Rs In Lakh	0.0	0.0
7.13 Sale from processing - compost/energy	Rs In Lakh	0.0	0.0
7.14 Royalty	Rs In Lakh	0.0	0.0
7.15 Others (Specify)	Rs In Lakh	28.0	28.0
Total Revenue Demand Raised for the current year	Rs In Lakh	28.00	28.00

8. Efficiency In Collection Of SWM Charges

Item

Item	Unit	2019-2020	2020-2021
8.1 Total Revenue Demand Raised for the current year	Rs In Lakh	28.00	28.00
8.2 Collection against arrears	Rs In Lakh	NA	NA
8.3 Collection against Current Demand	Rs In Lakh	NA	NA

9 Additional Information(Optional)

Staff Information

Item	Unit	2019-2020	2020-2021
9.1 Senior Management-Health Officer (Sanctioned)	Number	1	1
9.2 Senior Management-Health Officer (Working)	Number	1	1
9.3 Sanitary Inspector (Sanctioned)	Number	45	45

9.4 Sanitary Inspector (Working)	Number	43	43
9.5 Sanitary Supervisor (Sanctioned)	Number	43	43
9.6 Sanitary Supervisor (Working)	Number	43	43
9.7 Maistries/Safai Karam chari (Sanctioned)	Number	815	815
9.8 Maistries/Safai Karam chari (Working)	Number	742	742
9.9 Cleaners/Drivers (Sanctioned)	Number	18	18
9.10 Cleaners/Drivers (Working)	Number	18	18
9.11 Laborers (Sanctioned)	Number	0	0
9.12 Laborers (Working)	Number	0	0
9.13 Others Specify	Number	1230	1230
Total (Sanctioned)	Number	922	922
Total (Working)	Number	2077	2077
9.14 Are daily records of waste received at compliant landfill maintained (MSW 2000)	Yes/No	NA	NA
9.15 Is weigh-bridge available at landfill site?	Yes/No	NA	NA
9.16 Are daily records of waste received at open dumpsites maintained?	Yes/No	YES	YES
9.17 Is weigh-bridge available at dump-site?	Yes/No	NO	NO

User charges

Item	Unit	2019-2020	2020-2021
9.18 Residential	Rs/Month	NA	NA
9.19 Slum HH	Rs/Month	NA	NA
9.20 Commercial Establishment	Rs/Month	NA	NA
9.21 Fixed charge through property tax	Rs/Month	NA	NA
9.22 Others	Rs/Month	NA	NA

Remark

Update

Item	Unit	2019-2020	2020-2021
Remark		1. HOUSEHOLD LEVEL COVERAGE OF SOLID WASTE MANAGEMENT SERVICES increased under SBM implementation. 2.7 as per data filled under SBM urban - data filled on SBM portal submitted as a proof. 2.8 value increased because processing facilities added 2.10 to 2.27 - data as per SBM. 3.1 and 3.2 are correct as per records - segregation efficiency is improved - no recyclers in practice. 4. EXTENT OF MUNICIPAL SOLID WASTE RECOVERED has drastically increased because processing facilities have been added as per below mentioned remarks.	

4.1 functional since - Jan 2019 - Sukhali Compost Depot 4.7 functional since - Jan 2019 4.9 functional since - Nov. 2018 - MRF facility 5.2 Because of 100 percent processing being practices the value here is zero.

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Equity Related Information : FY 2020-2021

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1. Slums

General Details

Item	Unit	2019-2020	2020-2021
1.1 Number of slum settlements	Number	126	126
1.2 Population in slums	Number	301145	301145
1.3 Households in slums	Number	60229	60229
1.4 Household size in slums	Ratio	5.0	5.0
1.5 Total number of slums notified by state	Number	107	107
1.6 Number of slums that have been de notified in the current year	Number	0	0

Services in slums at city level

Item	Unit	2019-2020	2020-2021
1.20 Number of settlements which have an internal water supply network	Number	107	107
1.21 Number of individual water connections in slums	Number	17817	17817
1.23 Number of group connections in slums	Number	0	0
1.24 Number functional stand posts in slums	Number	933	933
1.25 Number of stand posts converted to group connections for slums	Number	0	0
1.26 Number of individual toilets in slums	Number	55929	55929
1.28 Number of seats in pay-n-use toilets (functional toilets) in slums	Number	0	0
1.29 Number of seats in community toilets (functional toilets) in slums	Number	1612	1612
1.30 Number of settlements which have an internal underground sewerage network	Number	0	NA
1.31 Number of sewerage connections in slums	Number	0	NA
1.33 Number of slum HHs served by door to door collection of MSW (Municipal Solid Waste)	Number	60229	60229.0

2. Water supply

Network details

Item	Unit	2019-2020	2020-2021
2.1 Length of trunk main (Source to treatment plant)	Km	57.0	57.0
2.2 Length of transmission mains (Treatment plant to distribution station)	Km	19.0	19.0
2.3 Length of trunk and/or transmission mains that have undergone renovation	Km	0.0	0.0
2.4 Length of distribution network	Km	1050.0	1050.0
2.5 Number of pipe breaks in the current year	Number	5.0	5.0
2.6 Total area under water distribution network	Sq Km	90.0	90.0
2.7 Length of road network	Km	1233.21	1233.21

Source level details

Item	Unit	2019-2020	2020-2021
2.8 Average daily quantity of water supplied from ground sources	MLD	0.0	0.0
2.9 Average daily quantity of water supplied from own surface sources	MLD	0.0	0.0
2.10 Average daily quantity of water supplied from bulk raw purchase	MLD	110.0	110.0
2.11 Average daily quantity of water supplied from bulk treated water	MLD	0.0	0.0
2.12 Average daily quantity of water supplied from other sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
2.13 Total daily quantity of water supplied from source	MLD	110.00	110.000
2.14 Average daily quantity of water supplied from WDS (Water distribution station)	MLD	110.0	110.0
2.15 Average pressure at WDS (Water distribution station)	Meters	5.0	5.0
2.16 Average pressure at consumer end	Meters	3.0	3.0
2.17 Does the ULB conduct regular assessment of availability of sources through preparation of depletion statements, etc?	Yes/No	NO	NO
2.18 Capacity addition/augmentation to present supply of water commissioned over next 3 years from projects/schemes/bulk purchase	MLD	61.0	61.0

Audits

Item	Unit	2019-2020	2020-2021
2.19 Has the ULB conducted studies for preliminary or detailed water audits?	Yes/No	YES	YES
2.20 Has the ULB conducted studies for energy audits?	Yes/No	YES	YES
2.21 Number of pumps at water source, treatment and distribution points inspected in the current year	Number	7.0	7.0
2.22 Number of pumps replaced/repaired in the current year	Number	0.0	0.0

Metering

Item	Unit	2019-2020	2020-2021
2.24 Number of consumer meters that are repaired/replaced in the current year	Number	4500.0	1000.0
2.25 Metered consumption (where consumer meters are functional)	MLD	72.0	77.2
2.26 Number of connections exempted from property tax/ water bills	Number	0	0

Unauthorised Connections

Item	Unit	2019-2020	2020-2021
2.29 Does the ULB have any measures to identify and/or regularise illegal connections?	Yes/No	YES	YES
For Water supply			
2.30 illegal connections	Number	770	770
2.31 % of illegal connections regularised	Percent	10.0	50.0
For Wastewater			
2.32 illegal connections	Number	ND	NA
2.33 % of illegal connections regularised	Percent	ND	NA

3. Sewerage and/or sullage network

Type of system

Item	Unit	2019-2020	2020-2021
3.1 Does the ULB have an underground piped network?	Yes/No	YES	YES
3.2 Total length of underground piped network	Km	249.06	249.06
3.3 Total area covered by underground piped network	Sq Km	34.3	34.3
3.4 Does the ULB have a covered drainage network?	Yes/No	YES	YES
3.5 Length of covered drainage network	Km	80.77	80.77
3.6 Area covered by covered drainage network	Sq Km	7.91	7.91
3.7 Does the ULB have open drainage network?	Yes/No	YES	YES
3.8 Length of open drainage network	Km	321.0	321.0
3.9 Area covered by open drainage network	Sq Km	88.28	88.28

Augmentation and efficiency of network

Item	Unit	2019-2020	2020-2021
3.10 Does the ULB have a plan to develop/augment its sewer network?	Yes/No	YES	YES
3.11 Does the ULB contract out services related to O&M operations for sewerage?	Yes/No	NO	NA
3.12 Number of HHs with individual toilets in the city	Number	153000	156955.00
3.13 Number of HHs with toilets connected to sewer network in the city	Number	3400	NA
3.14 Number of residential sewer connections in the city	Number	3400	NA
3.15 Number of non-residential sewer connections in the city	Number	1777	0
3.16 Total no. of community toilet seats in city (including mobile toilet / public toilet which are used by community)	Number		248
3.17 Total no. of functional community toilet seats in city	Number	2063	63
3.18 Number of functional community toilet seats connected to sewer network	Number	60	60
3.19 Number of sewer overflows reported in the current year	Number	0	0
3.20 Does the ULB have a sewage treatment plant?	Yes/No	YES	YES
3.21 If Yes, specify type of treatment			NA

Reuse of wastewater

Item	Unit	2019-2020	2020-2021
3.22 Does the ULB charge for untreated/treated wastewater that is reused?	Yes/No	NO	NO
3.23 If Yes, please specify the rate for untreated wastewater	Rs/MLD	NA	NA
3.24 If Yes, please specify the rate for treated wastewater	Rs/MLD	NA	NA
3.25 Is the untreated waste water being reused?	Yes/No	NO	NO
3.26 If Yes, estimated volume of untreated wastewater reused	MLD	NA	NA
3.27 If Yes, specify the purpose			NA

Means of disposal of waste water

Item	Unit	2019-2020	2020-2021
3.28 Sullage (Grey water from bathroom, kitchen, sink, etc. and outlet of septic tank)			in water bodies
3.29 Untreated sewage			NA
3.30 Treated sewage			NA

In areas of ULB/ULBs with no sewer/drainage network

Item	Unit	2019-2020	2020-2021
3.32 Households with toilets connected to septic tanks	Number	149600	156955
3.33 Households connected to septic tank as per design standards	Number	91116	2400
3.34 Households with septic tank connected to drains / settled sewer	Number	115560	3600
3.35 Houeholds with toilets with septic tank connected to soak pits	Number	34040	153355
3.36 Households with toilets connected to single pit	Number	0	0
3.37 Households with toilets connected to twin pit	Number	0	0
3.38 Households with toilets connected to other safe system (Zero discharge - ecosan toilets, Improved / Package septic tank, Advance onsite treatment - Johkasou, etc)	Number	0	0
3.39 Households with toilets connected to other unsafe system (Night soil disposal, etc)	Number	0	0
3.41 Estimated number of septic tanks / single pits cleaned annually (ULB and Private operators)	Number	1320.0	1430.0
3.42 Total septage generated	Cu.m / Year	168766	167749
3.43 Average capacity of septage sucking machine/ vacuum emptier	Cu.m / Year	3	3
3.44 Number of trips in a year by all sucking machine/ vaccum emptier	Number	1320	1430
3.45 Total volume of septage collected by septage sucking machines	Cu.m / Year	3960.0	4290
3.46 Total quantity of septic tank effluent collected through settled sewer / drain at the inlet of treatment plant / disposal point	MLD	54.2	1.70
3.47 Charge levied by agency for emptying septic tanks inside city limits	Rs/trip	1000	1000
3.48 Charge levied by agency for emptying tanks outside city limits	Rs/trip	1000	1000

3.49 Does the ULB have facilities to treat septage?	Yes/No	YES	YES
3.50 If Yes, then specify type of treatment faciltity		1	Co-treatment at own
Enter city name where septage is being treated			NA
If Yes, then specify treatment technology of STP or FSTP			STP
3.51 If yes, then specify installed capacity of septage treatment facility	Cu.m / Year	NA	NA
3.52 If yes, then specify quantity of septage received at treatment facility	Cu.m / Year	3960.0	3960.0
3.53 If yes, then specify quantum of treated septage reused after treatment	Kgs / Year	1163854.0	1163921.0
3.54 Number of Treated Septage Samples Tested in a year	Number	24.0	30.0
3.55 Number of Treated Septage Samples Passed in a year	Number	24.0	30.0
3.56 Location of disposal of untreated septage			Water bodies
3.57 Does ULB have treatmet plant for grey water / effluent collected from settled sewers/drains ?	Yes/No	YES	YES
3.58 If yes, specify type of treatment?		74.5	At existing STP
3.59 If yes, specify installed capacity of treatment plant?	MLD		74.5
3.60 If yes, specify quantity of effluent received at treatment plant	MLD	7.0	1.5
3.61 If yes, specify quantity of treated effluent reused	MLD	0.0	0.0
3.62 Number of treated effluent samples tested in a year	Number	24	30
3.63 Number of treated effluent samples passed in a year	Number	24	30

4. Solid Waste Management

Item	Unit	2019-2020	2020-2021
4.1 Total number of wards in the city	Number	22	22
Number of wards covered by primary collection agencies for SWM			
4.2 ULB	Number	0	0
4.3 Private Agencies	Number	22	22
4.4 Resident Welfare Associations	Number	0	0
4.5 Non Governmental Organization (NGO) / Community Based Organization (CBOs)	Number	0	0
4.6 Number of sweepers deployed for road sweeping	Number	861	861
4.7 Total length of road swept	Km	256.0	256.0
4.8 Number of secondary storage bins	Number	0.0	0.0
4.9 Capacity of secondary storage bins	Tonnes	0.0	0.0
4.10 Frequency of secondary collection of waste in a week	Days	0.0	0.0
Does the ULB contract out services related to			
4.11 Secondary collection?	Yes/No	YES	YES
4.12 Transportation?	Yes/No	YES	YES
4.13 Treatment?	Yes/No	NO	NO
4.14 Disposal?	Yes/No	YES	YES

5. Financial Details for ULB

Capital receipts of ULB

Item	Unit	2019-2020	2020-2021
5.1 Grants (financial award given by the state or central government for capital work only)	Rs. Lakhs	18772	18669.28
5.2 Borrowings / loans	Rs. Lakhs	0	0
5.3 Others	Rs. Lakhs	0.0	0.0
Total	Rs. Lakhs	18772.00	18669.28

Capital expenditure of ULB

5.4 Water supply	Rs. Lakhs	1570.0	101.52
5.5 Wastewater	Rs. Lakhs	1970.0	1055.0

5.6 MSWM (Solid waste management)	Rs. Lakhs	2372.0	4246.94
5.7 Others	Rs. Lakhs	20905.0	21074.8
Total	Rs. Lakhs	26817.00	26478.26

Revenue Receipts of ULB

5.8 Own Tax Revenue Income	Rs. Lakhs	5927.95	12957.0
5.9 Non-Tax Revenue Income	Rs. Lakhs	13434.0	968.37
5.10 Revenue Grants & Contribution	Rs. Lakhs	5264.0	14169.0
Total	Rs. Lakhs	24625.95	28094.37

Revenue Expenditure of ULB

5.11 Establishment Expenditure	Rs. Lakhs	13142.0	14069.78
5.12 Operations and maintenance	Rs. Lakhs	1353.0	542.14
5.13 Outsourcing / Contract	Rs. Lakhs	8059.0	7793.37
5.14 Others	Rs. Lakhs	26998.0	407297.0
Total	Rs. Lakhs	49552.00	429702.29
5.15 Total Extraordinary Income of ULB	Rs. Lakhs	0.0	0.0
5.16 Total Extraordinary Expenditure of ULB	Rs. Lakhs	0.0	0.0

Property tax details for ULB

5.17 Arrears at the beginning of current year	Rs. Lakhs	638.85	1170.55
5.18 Current year billed demand	Rs. Lakhs	3704.65	3711.11
5.19 Collection against arrears	Rs. Lakhs	396.75	585.27
5.20 Collection against current year demand	Rs. Lakhs	2776.20	2712.57

Outstanding Payments of ULB

5.21 Total payment due to the state electricity board for oustanding electricity bills and penalties	Rs. Lakhs	462	1253
5.22 Total payments due for bulk supply (irrigation) including charges and penalties	Rs. Lakhs	1300	1300
5.23 Repayment of loans	Rs. Lakhs	0.0	0.0
5.24 Others	Rs. Lakhs	0.0	0.0
5.24 Total	Rs. Lakhs	1762.00	2553.00

Improving Collection efficiency

Item	Unit	2019-2020	2020-2021
5.29 Does the ULB facilitate payment of bills through banks?	Yes/No	YES	YES
5.30 Does the ULB have various mechanisms to facilitate collection of bills at ward level like e-kiosks, civic centres,etc?	Yes/No	YES	YES
5.31 Does the ULB outsource its bill collections to private agencies, etc?	Yes/No	NO	NO
5.32 What is the penalty for late payment?	%	NA	NA

Remark

Item	Unit	2019-2020	2020-2021
Remark		2.6 3.28 3.29 3.30 - To STP 3.59 value as per records	3.59 TO 3.63 VALUES AS PER RECORD.

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

RELIABILITY ASSESSMENT: FY 2020-2021

Go Back to Data Entry

1. Coverage

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
1.1 What is the basis of estimation of			
HHs served with individual water supply connections	1.Through household surveys (1-5 yrs)	NO	NO
	2.Through property tax/billing records	NO	NO
	3. Number of residential connections	YES	YES
	4. Past trends/surveys	NO	NO
	5. Area covered by distribution network	NO	NO
	6. Road covered by network length	NO	NO
Properties served with toilets (individual + community)	1. Through household surveys (1-5 yrs)	YES	YES
	2. Through property tax records	YES	YES
	3. Area covered by toilet facilities	YES	YES
Properties served with sewerage connections	1. through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records	NO	NO
	3. Number of sewer connections	YES	YES
	4. Past trends/surveyse	NO	NO
	5. Area covered by sewer network	YES	YES
	6. Road length covered by sewerage	YES	YES
Households served with septic tank connections / twin pit system	1. Through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records or BU permission records	NO	NO
	3. Past trends/surveys	NO	NO
	4. Area covered by septic tank	NO	NO
HHS and established served by door to door collection.	1. Through household surveys (1-5 yrs)	NO	NO
	2. Quantity of waste collected	NO	NO
	3. No. of wards served	NO	NO
1.2 How are records of HHs served by water supply maintained?	1. Computerised	YES	YES
	2. Only Manual	NO	NO
How are records of population saved maintained for			
Toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

Onsite sanitation system	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	NO	NO
	2. Only Manual	YES	YES
How are connection registers maintained for			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Storm Water Drains			
What is the basis of estimation of length of pucca and covered drains?	1. Ground level surveys (1-5 yrs)	NO	NO
	2. Based on road maps (<5 yrs old)	YES	YES
How are flood prone points identified in the city?	1. Flood monitoring stations	YES	YES
	2. Complaints/reports from citizens	YES	YES

2. Coverage in slums

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
2.1 What is the basis of estimation of population/HHs in slums?	1. Recent Survey (1-3yrs)	YES	YES
	2. Past Survey	NO	NO
2.2 What is the basis of estimation of UWSS services provided in slums?	1. Recent Survey (1-3yrs)	NO	NO
	2. Past Survey	NO	NO
How are records of information on slums maintained for?			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	NO	NO
Onsite sanitation system	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Individual toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	NO	NO
	2. Only Manual	YES	YES

3. Water Production, treatment and consumption

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
Basis of measurement of water produced at WTP/tube wells	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
Basis of measurement of water supplied from bulk distribution points	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
	3. Periodic sample surveys	NO	NO
How are records maintained at WTP/tube wells?	1. Computerised	NO	NO
	2. Only Manual	NO	NO
How are records maintained at bulk distribution points like ESRs, etc?	1. Computerised	NO	NO
	2. Only Manual	NO	NO

4. Quality of Water

Reliability parameters for water supply, wastewater, SWM and SWD	2019-2020	2020-2021

Are proper records of samples conducted and passed/failed at source, WTP/bore wells, bulk distribution points and consumer end maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	YES	YES
	2. Accredited centres regularly	NO	NO
	3. Third party agencies intermittently	NO	NO
How are audits to monitor water quality procedures carried out?	1. by independent agencies periodically	NO	NO
	2. ULB itself occassionally	YES	YES
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

5. Continuity of water supplied

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
How is the duration of water supplied for the city estimated?	1. Valve operating points across zones	YES	YES
	2. Periodic surveys	NO	NO
	3. Feedback from city field engineers	NO	NO
Is adequacy of pressure and hours of supply at consumer end assessed?		NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

6. Metering of Water Connections

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
Are meters installed at consumer level?		YES	YES
Extent of metering of connections	1. At all consumer points	YES	YES
	2. Only bulk & commercial consumers	NO	NO
How are functional meters assessed?	1. Regular reading and billing of meters	YES	YES
	2. Spot checks	NO	NO
How is household consumption estimated?	1. Meters installed at all consumer points	YES	YES
	2. Periodic Survey	NO	NO
	3. Spot Survey	NO	NO
	4. Ferrule size and hours of supply	NO	NO
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

7. Wastewater collection and treatment

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
How is quantity of wastewater collected by network estimated?	1. Bulk flow meters at inlet of treatment plants	NO	NO
	2. V-Notch at outlet of channel	YES	YES
	3. Installed Plant Capacity	NO	NO
How is quantity of wastewater actually treated estimated?	1. Bulk flow meters at inlet of treatment plants	NA	NA
	2. V-Notch at outlet of channel	NA	NA
	3. Installed Plant Capacity	NA	NA
How treatment plant system capacity is assessed?	1. Through rigorous testing and commissioning procedures	YES	YES
	2. On the basis of reliable operational data	YES	YES
	3. No estimate of treatment capacity that is actually functional and in operation	YES	YES
How is quantity of septage collected estimated?	1.Bulk meters at inlet of treatment plant	NA	NO
	2. Register maintained for number and volume of trucks	NO	NO

	emptier at the treatment plant or dump site		
	2. Installed Plant Capacity	NO	NO
	4. Number of septic tank cleaned annually	YES	YES
How quantity of septage actually treated estimated?	1.Weighing scale at outlet of treatment plant	NO	NO
	2. Installed Plant Capacity	NO	NO
Record keeping of wastewater and septage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

8. Quality of Wastewater

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
Are proper records of samples conducted and passed/failed for all parameters (BOD, COD, etc) maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	NO	NO
	2. Accredited centres regularly	YES	YES
How are audits to monitor waste water quality procedures carried out?	1. by independent agencies periodically	YES	YES
	2. ULB itself occassionally	NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

9. SWM

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
How is quantity of waste generated estimated?	1. Quarterly/ sample surveys	NO	NO
	2. Per capita waste generation	YES	YES
How is quantity of waste segregated estimated?	1. Measurement at treatment/disposal site	NA	NA
	2. HHs & establishments with two bins	NA	NA
	3. Inputs from door to door collection agencies	NA	NA
Estimation of municipal waste received at			
Treatment plant	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Scientific landfil	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Open dumps	1. Weighbrige	NO	NO
	2. On the basis of Trips	YES	YES
	3. Aggregate mass balance	NO	NO
Record keeping at			
Treatment plant	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Scientific landfil	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Open dumps	1. Computerised	NO	NO
	2. Only Manual	YES	YES

10. Finance

Reliability parameters for water supply, wastewater, SWM and SWD	2019-2020	2020-2021

Is regualar (quarterly/annual) reporting of the financial statements conducted to state/central agencies?		YES	YES
Are arrears segregated from current demand in financial statements/budgets?		YES	YES
Extent of segregation of budget heads for			
Water supply	1. Fully	YES	YES
	2. Partially	NO	NO
Wastewater (sewage, sullage, septage, public and community toilets)	1. Fully	NO	NO
	2. Partially	YES	YES
SWM	1. Fully	NO	NO
	2. Partially	YES	YES
Accounting System	1. Accrual-Double entry	NO	NO
	2. Cash Based	YES	YES
	3. Both systems	NO	NO
Are records maintained for charges collected against the specific bill issued?	1. Water supply	YES	YES
	2. Sewerage	YES	YES
	3. SWM	NO	NO
Are DCB tables linked to billing and collection system?		YES	YES
Billing Systems	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Are billing and collection records regularly updated?		YES	YES
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

11. Complaint Redressal System

Reliability parameters for water supply, wastewater, SWM and SWD		2019-2020	2020-2021
Are records of complaints redressed maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
System for Collating, sorting and tracking of complaints			
Water supply	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)	1. Computerised	NO	NO
	2. Only Manual	YES	YES
SWM	1. Computerised	YES	YES
	2. Only Manual	YES	YES
Are the records of types of complaints (low water pressure, no water, sewer blocks, etc) maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
Are multiple mechanisms to register complaints (through telephone, in person, by email) available to the consumers in			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES

Remark

Item	Unit	2019-2020	2020-2021
Remark		-1	-1

About CEPT

CEPT University located in Ahmedabad in India is a leading institution offering undergraduate and postgraduate programmes in Architecture, Planning, Building Construction, Interior Design, Technology Management and Arts through its various schools. Since its inception in 1962, CEPT's mission has been to contribute to development issues related to urban and rural settlements through its academic programmes as well as research and professional activities. In 2005, it was made into a State University by an Act of the State Legislative Assembly of Gujarat.

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

24x7 WATER SUPPLY IN COMMUNITY AND PUBLIC TOILETS: FY 2020-2021

Go Back to Data Entry

1. COMMUNITY TOILETS

Item	Unit	2019-2020	2020-2021
1.1 Number of community toilet blocks in ULBs	Number	277	335
1.2 Number of community toilet blocks assured 24x7 water supply	Number	277	275
1.3 Number of community toilet blocks connected with municipal water supply connections	Number	0	0
1.4 Number of community toilet blocks connected with bore well	Number	276	274
1.5 Number of community toilet blocks connected with tanker supply	Number	1	1
1.6 Number of community toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.7 Number of community toilet blocks operated and maintained by ULB	Number	247	245
1.8 Number of community toilet blocks operated and maintained by private agency	Number	30	30
1.9 Number of community toilet blocks operated and maintained by community	Number	0	60

2. PUBLIC TOILETS

Item	Unit	2019-2020	2020-2021
1.10 Number of public toilet blocks in ULBs (including public toilets at bus stations, railway stations, markets, etc.)	Number	139	139
1.11 Number of public toilet blocks assured 24x7 water supply	Number	139	139
1.12 Number of public toilet blocks connected with municipal water supply connections	Number	0	0
1.13 Number of public toilet blocks connected with bore well	Number	138	138
1.14 Number of public toilet blocks connected with tanker supply	Number	1	1
1.15 Number of public toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.16 Number of public toilet blocks operated and maintained by ULB	Number	139	139
1.17 Number of public toilet blocks operated and maintained by private agency	Number	0	0
1.18 Number of public toilet blocks operated and maintained by other agency	Number	0	0

Remark

	2019-2020	2020-2021
Remark		

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER-BODIES REJUVENATION AND RAIN WATER HARVESTING : FY 2020-2021

Go Back to Data Entry

1. WATER BODIES REJUVENATION

Item	Unit	2019-2020	2020-2021
1.1 Does ULB have water body (i.e. Lakes, Ponds, Tanks, Stepwells/Baolis) in the city?	Yes/No	YES	YES
1.2 If yes, total number of existing water bodies in the city	Number	02	2
1.3 Total area of water bodies (If more than one then enter total area of all the water bodies)	Sq Km	0.8237	0.8237
1.4 Does city rejuvenated water bodies till August 2020?	Yes/No	NO	NO
1.5 If yes, number of water bodies rejuvenated before August 2020	Number	0	0
1.6 Total area of water bodies that are rejuvenated before the August 2020 (If more than one then enter total area of all the water bodies that were rejuvenated)	Sq Km	0	0
1.7 Number of water bodies are rejuvenated between September 2020 to August 2021	Number	0	0
1.8 Total area of water bodies that are rejuvenated between September 2020 to August 2021 (If more than one then enter total area of all the water bodies that are rejuvenated)	Sq Km	0	0
1.9 Does city have plan to rejuvenate water bodies next year (September 2021 to August 2022)?	Yes/No	YES	YES
1.10 If yes, then number of water bodies that will be rejuvenated next year (September 2021 to August 2022)	Number	1	1
1.11 Does ULB conduct pre monsoon cleaning of water bodies ?	Yes/No	NO	NO
1.12 If yes, number of water bodies cleaned in this year	Number	0	0

2. RAINWATER HARVESTING

Item	Unit	2019-2020	2020-2021
2.1 Total number of properties with RWH structure	Number	48	106
2.2 Does city government completed any RWH project in current financial year?	Yes/No	YES	NO
2.3 If yes, then number of RWH project completed in this financial year	Number	05	0
2.4 Does ULB link rainwater harvesting (RWH) structure data with property database?	Yes/No	NO	NO
2.5 Does ULB check functionality of RWH structure?	Yes/No	YES	YES
2.6 If yes, Number of non-functional RWH structures	Number	0	0.0

Remark

	2019-2020	2020-2021
Remark		

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

GENERAL INFORMATION: FY 2021-2022

1. Demographics

Update

Item	Unit	2020-2021	2021-2022
1.1 Population (Census 2001/2011)	Persons	647057	647057
1.2 Decadal Growth Rate of the City	%	17.71	17.71
1.3 Population (Present Year)	Persons	750589	771162
1.4 Number of Households (Census 2001/2011)	Number	136796	136796
1.5 Number of Households (Present Year)	Number	161810	164568
1.6 Family Size (Census 2001/2011)	Persons	4.73	4.73
1.7 Family Size (Present Year)	Persons	4.64	4.69
1.8 Number of Slums (2001/2011)	Number	102	102
1.9 Number of Slums (Present Year)	Number	126	126
1.10 Number of Slum Households (2001/2011)	Number	18000	18000
1.11 Number of Slum Households (Present Year)	Number	60229	60229
1.12 Number of Properties (2001/2011)	Number	83136	83136
1.13 Number of Properties excluding open plots (Present Year)	Number	153686	154683
1.14 Number of Election Wards (2001/2011)	Number	81	81
1.15 Number of Election Wards (Present Year)	Number	22	22
1.16 Town/City Area (Census 2001/2011)	Sq.km	121.65	121.65
1.17 Present Town/City Area	Sq.km	121.65	121.65
Built up area within Municipal Boundary	Sq.km	109.85	109.88
1.18 Population Density (Present Year)	Number	6170.0	6339
1.19 Number of Commercial and other establishments (offices, institutions, markets), Hotels and Restaurants (Year 2001/2011)	Number	15550	15550
1.20 Number of Commercial and other establishments (offices, institutions, markets,Hotels and Restaurants)(Present Year)	Number	28200	28200

Remark

Update

Item	Unit	2020-2021	2021-2022
Remark			

2. Service Provider Details - Water Supply

Update

2.1 Name of Town/City	Amravati
2.2 Name of the Department/Unit	MJP
2.3 Name of the Head of Department/Unit	Mr. Rakatade
2.4 Designation of the Department Head	Ex Engineer
2.5 Address	Maltekadi Amravati Division
2.6 Telephone Number	07212551303
2.7 Mobile Number	9421830634
2.8 Fax Number	07212663332
2.9 Email	mail.mjp@gov.in
2.10 Website	mjp.maharashtra.gov.in
2.11 Name of the Contact Person	Mr. Wakekar
2.12 Designation of the contact person	Dy Engineer
2.13 Address	Maltekadi Amravati Division
2.14 Telephone Number	07212663341
2.15 Mobile Number	8380049517
2.16 Fax Number	07212663332
2.17 Email	mail.mjp@gov.in
2.18 Website	mjp.maharashtra.gov.in

3. Service Provider Details - Sewerage and Drainage

☐ Update

3.1 Name of Town/City	Amravati
3.2 Name of the Department/Unit	MJP
3.3 Name of the Head of Department/Unit	Mr. Satish Bakshi
3.4 Designation of the Department Head	Ex Eng.
3.5 Address	MJP Amravati Jail Road Camp
3.6 Telephone Number	9763714301
3.7 Mobile Number	9763714301
3.8 Fax Number	07212663332
3.9 Email	mjpsubn1@gmail.com
3.10 Website	mjp.maharashtra.gov.in
3.11 Name of the Contact Person	darvekar
3.12 Designation of the contact person	Asst Eng
3.13 Address	MJP Amravati Jail Road Camp
3.14 Telephone Number	9657713516
3.15 Mobile Number	9657713516
3.16 Fax Number	07212663332
3.17 Email	dndarwhekar@gmail.com
3.18 Website	mjp.maharashtra.gov.in

4. Service Provider Details - Solid Waste Management

☐ Update

4.1 Name of Town/City	Amravati
4.2 Name of the Department/Unit	Sanitation department
4.3 Name of the Head of Department/Unit	Dr. Seema Naitam
4.4 Designation of the Department Head	M.O.H. sanitation
4.5 Address	Amravati Municipal Corporation Amravati
4.6 Telephone Number	0721576482

4.7 Mobile Number	7030922874
4.8 Fax Number	07212673950
4.9 Email	sanitationdepartment.amc@gmail.com
4.10 Website	www.amravaticorporation.in
4.11 Name of the Contact Person	
4.12 Designation of the contact person	
4.13 Address	
4.14 Telephone Number	0721576482
4.15 Mobile Number	
4.16 Fax Number	07212673950
4.17 Email	sanitationdepartment.amc@gmail.com
4.18 Website	www.amravaticorporation.in

5. Service Provider Details - Slums

☐ Update

5.1 Name of Town/City	Amravati
5.2 Name of the Contact Person for Information related to slums	Mr. Ravindra Pawar
5.3 Designation	City Engineer
5.4 Address	AMC
5.5 Telephone Number	7030922884
5.6 Mobile Number	7030922884
5.7 Fax Number	07212673950
5.8 Email	
5.9 Website	www.amravaticorporation.in

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER SUPPLY : FY 2021-2022

1. COVERAGE OF WATER SUPPLY CONNECTIONS

Update

Water Service Coverage - Number of Connections

Item	Unit	2020-2021	2021-2022
Does the ULB have water meters at consumer end?	Yes/No		YES
1.1 Domestic Connections (Metered Functional)	Number	87773	88739
1.2 Domestic Connections (Metered Non-Functional)	Number	5200	5652
1.3 Domestic Connections (Unmetered)	Number	0	0
Domestic connections (Total)	Number	92973	94391
1.4 Bulk supply Apartments (Metered Functional)	Number	259	259
1.5 Bulk supply Apartments (Metered Non-Functional)	Number	30	30
1.6 Bulk supply Apartments (Unmetered)	Number	0	0
Bulk supply Apartments (Total)	Number	289	289
1.7 Bulk supply Layouts/Societies (Metered Functional)	Number	86	86
1.8 Bulk supply Layouts/Societies (Metered Non-Functional)	Number	10	10
1.9 Bulk supply Layouts/societies (Unmetered)	Number	0	0
Bulk supply Layouts/Societies (Total)	Number	96	96
1.10 Others-Specify (Metered Funtional)	Number	0	0
1.11 Others-Specify (Metered Non-Functional)	Number	0	0
1.12 Others-Specify (Unmetered)	Number	0	0
Others - Specify (Total)	Number	0	0
Total Number of Water Supply Connections - Residential	Number	93358	94776

Water Service Coverage - Households Served

Item	Unit	2020-2021	2021-2022
1.13 Households served by Domestic Connections	Number	92973	94391
1.14 Households served by Bulk supply - Apartments	Number	9880	9880
1.15 Households served by Bulk supply - Layouts/Societies	Number	7650	7650
Total Households served with Water Supply	Number	110503	111921

Households served by one sources such as wells, handpumps shall not be included.

2. PER CAPITA SUPPLY OF WATER

Update

Water Production Capacity

Item	Unit	2020-2021	2021-2022
2.1 Installed Capacity of Treatment Plants for Surface Water Sources	MLD	95.0	156.0

2.2 Volume of water produced through Surface Water Sources	MLD	110.0	126.0
2.3 Installed Capacity of Treatment Plants for Ground Water Sources	MLD	120.0	156.0
2.4 Volume of water produced through Ground water (power pumps)	MLD	0.0	0.0
2.5 Volume of water produced through any Other Sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
Total Installed Capacity	MLD	215.00	312.000
Total Volume of water produced	MLD	110.00	126.000

Water Consumption

Item	Unit	2020-2021	2021-2022
2.6 Volume of water billed from Domestic Connections	MLD	62.84	63.65
2.7 Volume of water billed from Bulk supply Apartments	MLD	3.85	3.85
2.8 Volume of water billed from Bulk supply Layouts/Societies	MLD	4.6	4.6
2.9 Volume of water billed from Non domestic Connections	MLD	2.5	2.5
2.10 Volume of water billed from Public taps	MLD	8.5	8.5
2.11 Volume of water billed from any other sources	MLD	0.0	0.0
Total Volume of water billed	MLD	82.29	83.10
Total Volume of water unbilled (free supplies to Public taps, stand posts, hand pumps, etc.)	MLD	8.48	8.48
Total Volume of water unbilled (free connections eg. Religious institutions etc)	MLD	0.0	0.0

3. EXTENT OF NON REVENUE WATER (NRW)

Item	Unit	2020-2021	2021-2022
3.1 Total Volume of Water Produced	MLD	110.00	126.000
3.2 Total Volume of Water Billed	MLD	82.29	83.10

4. EXTENT OF METERING OF WATER SUPPLY CONNECTIONS

☐ Update

Item	Unit	2020-2021	2021-2022
4.1 Non domestic incl. commercial/Indus/Instl. (Metered Functional)	Number	1025	1030
4.2 Non domestic incl. commercial/Indus/Instl. (Metered Non-Functional)	Number	35	32
4.3 Non domestic incl. commercial/Indus/Instl. (Unmetered)	Number	0	0
Non domestic incl. commercial/Indus/Instl. (Total)	Number	1060	1062
4.4 Public taps, stand posts and hand pumps (Metered Functional)	Number	0	0
4.5 Public taps, stand posts and hand pumps (Metered Non-Functional)	Number	0	0
4.6 Public taps, stand posts and hand pumps (Unmetered)	Number	954	54
Public Taps (Total)	Number	954	54
Total number of metered and functional connections (domestic, bulk supply, others)	Number	88118	89084
Total number of Water Supply Connections	Number	95372	95892

5. CONTINUITY OF WATER SUPPLY

☐ Update

Water Supply Frequency

Item	Unit	2020-2021	2021-2022
5.1 Days of supply per month	Number	30	30
5.2 Hours of supply per day to consumer	Hours	3.0	3.0

6. EFFICIENCY OF REDRESSAL OF COMPLAINTS

☐ Update

Consumer Services

Item	Unit	2020-2021	2021-2022

6.1 Complaints received during the year	Number	1800	1300
6.2 Complaints resolved within 24 hours during the year	Number	1755	120

7. QUALITY OF WATER SUPPLIED

Update

Treated Water Quality Surveilance

Item	Unit	2020-2021	2021-2022
7.1 Residual Chlorine - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	8200	8200
7.2 Residual Chlorine - No. of Samples taken at intermediate points (in a year)	Number	6700	6700
7.3 Residual Chlorine - No. of Samples taken at consumer end (in a year)	Number	2500	2500
7.4 Total Samples taken for Residual Chlorine tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Residual Chlorine tests	Number	17400	17400
7.5 Number of Samples Passed	Number	17380	17382
7.6 Physical/Chemical - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	4	4
7.7 Physical/Chemical - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.8 Physical/Chemical - No. of Samples taken at consumer end (in a year)	Number	0	0
7.9 Total Samples taken for Physical/Chemical tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Physical and Chemical tests	Number	4	4
7.10 Number of Samples Passed	Number	4	4
7.11 Bacteriological - No. of Samples taken at the source/outlet of Water Treatment Plant (in a year)	Number	300	300
7.12 Bacteriological - No. of Samples taken at intermediate points (in a year)	Number	0	0
7.13 Bacteriological - No. of Samples taken at consumer end (in a year)	Number	1600	1600
7.14 Total Samples taken for Bacteriological tests (if location wise samples are not available)	Number	0	0
Total Samples taken for Bacteriological tests	Number	1900	1900
7.15 Number of Samples Passed	Number	1885	1885
Total Number of Samples taken for all types of tests	Number	19304	19304
Total Tests Passed	Number	19269	19271

8. COST RECOVERY IN WATER SUPPLY SERVICES

Update

Financial Information - Operating Expenses

Item	Unit	2020-2021	2021-2022
8.1 Regular Staff and administration	Rs. Lakhs	570.19	500.81
8.2 Outsourced/Contract Staff Costs	Rs. Lakhs	0.0	0.0
8.3 Electricity Charges/Fuel Costs	Rs. Lakhs	1384.88	1453.67
8.4 Chemical Costs	Rs. Lakhs	38.01	41.48
8.5 Repairs/Maintenance Costs	Rs. Lakhs	505.05	778.21
8.6 Bulk (Raw/Treated) Water Charges	Rs. Lakhs	177.62	192.88
8.7 Other Costs	Rs. Lakhs	0.81	1.61
Total Operating Expenditure	Rs. Lakhs	2676.56	2968.66

Financial Information - Operating Revenues

Item	Unit	2020-2021	2021-2022
8.8 Arrears at the beginning of the Current year	Rs. Lakhs	35521.14	36225.15
8.9 Revenue demand from user charges	Rs. Lakhs	4623.0	4716.98
8.10 Revenue demand from tax/cess - Water Service only	Rs. Lakhs	32.0	0.0

8.11 Revenue demand from other revenues (eg. connection costs/Donations etc)	Rs. Lakhs	0.0	0.0
Total Revenue Demand for the current year	Rs. Lakhs	4655.00	4716.98

9 COLLECTION EFFICIENCY OF WATER SUPPLY RELATED CHARGES

Update

Item	Unit	2020-2021	2021-2022
9.1 Total Revenue Demand(from user charges, taxes etc)	Rs. Lakhs	4655.00	4716.98
9.2 Collection against arrears	Rs. Lakhs	450.0	470.0
9.3 Collection against the current demand of the year	Rs. Lakhs	1944.3	2364.65

10 Additional Information (Optional)

Update

Staff Information

Item	Unit	2020-2021	2021-2022
10.1 Senior Management (Sanctioned)	Number	1	1
10.2 Senior Management (Working)	Number	1	1
10.3 Engineers (Sanctioned)	Number	7	7
10.4 Engineers (Working)	Number	5	5
10.5 Clerks/Accountants (Sanctioned)	Number	2	2
10.6 Clerks/Accountants (Working)	Number	1	1
10.7 Work Inspectors/Meter Readers (Sanctioned)	Number	40	40
10.8 Work Inspectors/Meter Readers (Working)	Number	1	2
10.9 Electricians/Fitters (Sanctioned)	Number	10	10
10.10 Electricians/Fitters (Working)	Number	0	0
10.11 Lines men/plumbers (Sanctioned)	Number	18	18
10.12 Lines men/plumbers (Working)	Number	8	7
10.13 Labourers (Sanctioned)	Number	150	150
10.14 Labourers (Working)	Number	50	29
Total (Sanctioned)	Number	228	228
Total (Working)	Number	66	45

Connection Costs for Water Connections

Item	Unit	2020-2021	2021-2022
10.15 Residential - General	Rs.	4520	4520
10.16 Residential - Urban Poor	Rs.	4520	4520
10.17 Institutional	Rs.	8520	8520
10.18 Commercial	Rs.	21520	21520
10.19 Industrial	Rs.	21520	21520

Water Tariff Structure - Flat Rate Tariff

Item	Unit	2020-2021	2021-2022
10.20 Residential - General	Rs./Month	510.0	560.0
10.21 Residential - Urban Poor	Rs./Month	510.0	560.0
10.22 Institutional	Rs./Month	782.0	860.0
10.23 Commercial	Rs./Month	1961.0	2157.0
10.24 Industrial	Rs./Month	1961.0	2157.0

Water Tariff Structure - Volumetric Tariff

Item	Unit	2020-2021	2021-2022
10.25 Residential - General	Rs./KL	17.3	19.0
10.26 Residential - Urban Poor	Rs./KL	17.3	19.0
10.27 Institutional	Rs./KL	33.3	36.6

10.28 Commercial	Rs./KL	79.9	87.9
10.29 Industrial	Rs./KL	79.9	87.9

Remark

Item	Unit	2020-2021	2021-2022
Remark			

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General Information | **Water Supply** | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

SEWERAGE AND DRAINAGE : FY 2021-2022

1. COVERAGE OF TOILETS

Update

Sanitation Coverage

Item	Unit	2020-2021	2021-2022
1.1 Total Number of Properties in the City	Number	153686	154683
1.2 Properties with toilets	Number	148831	149364
1.3 Households dependent on functional community toilets	Number	4855	4855
1.4 Total Number of Properties with access to toilets	Number	153686	154219

2. COVERAGE OF SEWAGE NETWORK SERVICES

Update

Item	Unit	2020-2021	2021-2022
2.1 Total Number of Properties in the City	Number	153686	154683
2.2 Properties with sewer connections	Number	8240	9450
2.3 Properties with onsite sanitary disposal	Number	144947	144769.00

3. COLLECTION EFFICIENCY OF SEWAGE NETWORK

Update

Waste Water Production - Volume of Water Consumed and Waste Water Generated

Item	Unit	2020-2021	2021-2022
3.1 Volume of water consumed and billed from Domestic Connections	MLD	62.84	63.65
3.2 Volume of water consumed and billed from Bulk supply - Apartments	MLD	3.85	3.85
3.3 Volume of water consumed and billed from Bulk supply - Layouts/Societies	MLD	4.6	4.6
3.4 Volume of water consumed and billed from Non domestic Connections	MLD	2.5	2.5
3.5 Volume of water consumed (both billed and unbilled) from Public taps	MLD	16.98	16.98
3.6 Volume of water from free supplies (other connections)	MLD	0.00	0.00
3.7 Volume of water consumed and billed from any other ULB sources	MLD	0.0	0.0
3.8 Volume of water consumed from any Non ULB water sources	MLD	4.5	4.5
3.9 Total Water Consumption (billed and unbilled) from ULB and Non ULB sources)	MLD	95.27	96.08
3.10 Volume of waste water generated from Domestic Water Consumption	MLD	50.27	50.92
3.11 Volume of waste water generated from Bulk Supply - Apartments	MLD	3.08	3.08
3.12 Volume of waste water generated from Bulk Supply - Layouts/Societies	MLD	3.68	3.68
3.13 Volume of waste water generated from Non Domestic Water Consumption	MLD	2.00	2.00
3.14 Volume of waste water generated from Public Tap Water Consumption	MLD	13.58	13.58
3.15 Volume of waste water generated from free supplies (other connections)	MLD	0.00	0.00

3.16 Volume of waste water generated from other ULB source water consumption	MLD	0.00	0.00
3.17 Volume of waste water generated from Non ULB source Water consumption	MLD	3.60	3.60
Total Waste Water Generated	MLD	76.22	76.86

Waste Water Collection and Treatment

Item	Unit	2020-2021	2021-2022
3.18 Volume of sewage actually treated at the Primary Treatment Plant	MLD	44.0	44.0
3.19 Volume of sewage actually treated at Secondary Treatment Plant	MLD	44.0	44.0
3.20 Total Volume of Waste Water collected and Treated at Sewage Treatment Plants	MLD	44.00	44.0

4. ADEQUACY OF SEWAGE TREATMENT CAPACITY

☐ Update

Item	Unit	2020-2021	2021-2022
4.1 Installed Capacity of Primary Treatment Plant	MLD	74.5	74.5
4.2 Installed Capacity of Secondary Treatment Plant	MLD	74.5	74.5
4.3 Total Installed Capacity (Primary / Secondary Treatment)	MLD	74.5	74.5
4.4 Total Waste Water Generated	MLD	76.22	76.86

5. EXTENT OF REUSE AND RECYCLING OF SEWAGE

☐ Update

Item	Unit	2020-2021	2021-2022
5.1 Volume of sewage actually treated at Secondary Treatment Plant	MLD	44.0	44.0
5.2 Volume of treated waste water reused after Secondary Treatment	MLD	0.0	0.0

6. QUALITY OF SEWAGE TREATMENT

☐ Update

Discharge Compliance after Secondary Treatment of Sewage

Item	Unit	2020-2021	2021-2022
6.1 Number of Treated Effluent Samples Tested in a year	Number	24	24
6.2 Number of Treated Effluent Samples Passed in a year	Number	24	24

7. EFFICIENCY IN REDRESSAL OF CUSTOMER COMPLAINTS

☐ Update

Consumer Services

Item	Unit	2020-2021	2021-2022
7.1 Sewage related Complaints received during the year	Number	30	32
7.2 Sewage related Complaints resolved within 24 hours during the year	Number	30	32

8. EXTENT OF COST RECOVERY IN SEWAGE MANAGEMENT

☐ Update

Financial Information - Annual Operating Expenses

Item	Unit	2020-2021	2021-2022
8.1 Regular Staff and Administration	Rs.Lakhs	295.0	295.0
8.2 Outsourced /Contract Staff Costs	Rs.Lakhs	19.5	19.5
8.3 Electricity Charges /Fuel Costs	Rs.Lakhs	41.2	41.2
8.4 Chemicals Costs	Rs.Lakhs	0.0	0.0
8.5 Repairs/Maintenance Costs	Rs.Lakhs	44.5	44.5
8.6 Contractor Costs for O&M	Rs.Lakhs	1700.0	1700.0
8.7 Ohers (Specify)	Rs.Lakhs	0.0	0.0
Total Annual Operating Expenses	Rs.Lakhs	2100.20	2100.20

Financial Information - Annual Operating Revenues

Item	Unit	2020-2021	2021-2022

8.8 Arrears at the beginning of the current year	Rs.Lakhs	0.0	0.0
8.9 Revenue demand from user charges - sewerage only	Rs.Lakhs	0.0	0.0
8.10 Revenue demand from tax/cess - sewerage only	Rs.Lakhs	0.0	0.0
8.11 Revenue demand from other sources (eg. connection costs/septage emptying charges/donations etc.)	Rs.Lakhs	2.15	2.15
Total Revenue Demand for current year	Rs.Lakhs	2.15	2.15

9. EFFICIENCY IN COLLECTION OF SEWAGE CHARGES

Update

Consumer Services

Item	Unit	2020-2021	2021-2022
9.1 Total Revenue Demand for current year	Rs.Lakhs	2.15	2.15
9.2 Collection against arrears	Rs.Lakhs	NA	NA
9.3 Collection against current demand	Rs.Lakhs	NA	NA

10. Storm Water Drainage Data

Update

COVERAGE OF STORM WATER DRAINAGE NETWORK

Item	Unit	2020-2021	2021-2022
10.1 Total Length of Road Network	Kilometers	1233.21	1233.21
10.2 Total Length of Pucca covered drains	Kilometers	80.77	80.77

INCIDENCE OF WATER LOGGING/FLOODING

Item	Unit	2020-2021	2021-2022
10.3 Number of Flood Prone Points in the city	Number	0.0	0.0
10.4 Average Frequency of Flooding	Number	0.0	0.0

11. Additional Information (Optional)

Update

Staff Information

Item	Unit	2020-2021	2021-2022
11.1 Senior Management (Sanctioned)	Number	0	0
11.2 Senior Management (Working)	Number	0	0
11.3 Engineers (Sanctioned)	Number	0	0
11.4 Engineers (Working)	Number	0	0
11.5 Clerks/Accountants (Sanctioned)	Number	0	0
11.6 Clerks/Accountants (Working)	Number	0	0
11.7 Labourers/Cleaners (Sanctioned)	Number	320	320
11.8 Labourers/Cleaners (Working)	Number	320	320
Total (Sanctioned)	Number	320	320
Total (Working)	Number	320	320

Septage Management

Item	Unit	2020-2021	2021-2022
11.9 Does the ULB practice septage management	Yes/No	YES	YES
11.10 Septage sucking machines available within ULB	Number	6	6
11.11 Private Septage machines licenced by ULB	Number	0	0

Connection Costs for Sewerage Connections

Item	Unit	2020-2021	2021-2022
11.12 Residential - General	Rs	0.0	0.0
11.13 Residential - Urban Poor	Rs	0.0	0.0
11.14 Institutional	Rs	0.0	0.0
11.15 Commercial	Rs	0.0	0.0

11.16 Industrial	Rs	0.0	0.0

Sewerage Tariff Structure - Flat Rate Tariff

Item	Unit	2020-2021	2021-2022
11.17 Residential - General	Rs./Month	0.0	0.0
11.18 Residential - Urban Poor	Rs./Month	0.0	0.0
11.19 Institutional	Rs./Month	0.0	0.0
11.20 Commercial	Rs./Month	0.0	0.0
11.21 Industrial	Rs./Month	0.0	0.0

Sewerage Tariff Structure - Volumetric Tariff

Item	Unit	2020-2021	2021-2022
11.22 Residential - General	Rs./KL	NA	NA
11.23 Residential - Urban Poor	Rs./KL	NA	NA
11.24 Institutional	Rs./KL	NA	NA
11.25 Commercial	Rs./KL	NA	NA
11.26 Industrial	Rs./KL	NA	NA

Remark

Item	Unit	2020-2021	2021-2022
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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Solid Waste Management : FY 2021-2022

1. Household Level Coverage Of Solid Waste Management Services

Update

Door to Door Collection - Number of HHs and establishments covered by Door to Door Collection

Item	Unit	2020-2021	2021-2022
1.1 Number of Households covered by Door to Door Collection	Number	161810.0	16996.0
1.2 Number of Hotels and Restaurants covered by Door to Door Collection	Number	700.0	750.0
1.3 Number of Commercial Establishments (institutions, offices) covered by Door to Door Collection	Number	25800.0	26000.0
1.4 Number of any other establishments (incl. markets) covered by Door to Door Collection	Number	128.0	130.0
1.5 Total number of establishments covered by door to door collection (if typewise establishments is not available)	Number	0.0	0.0
Total Number of Households and Establishments covered by Door to Door Collection	Number	188438	43876

2. Efficiency Of Collection Of Municipal Solid Waste

Update

Waste Generation

Item	Unit	2020-2021	2021-2022
2.1 Waste Generated by Households	MT/Month	0.0	0.0
2.2 Waste Generated by Street Sweeping	MT/Month	0.0	0.0
2.3 Waste Generated by Hotels and Restaurants	MT/Month	0.0	0.0
2.4 Waste Generated by Markets (Vegetable Markets, Mandis etc)	MT/Month	0.0	0.0
2.5 Waste Generated by Commercial Establishments (eg. Institutions, etc)	MT/Month	0.0	0.0
2.6 Waste Generated by other sources (eg. debris, horticulture waste etc)	MT/Month	0.0	0.0
2.7 Total Waste Generated (if typewise generation is not available)	MT/Month	9054.0	9100.0
Total Waste Generated	MT/Month	9054.00	9100.00
Total Waste Generated per capita	Gms/Day/Capita		393.35

Waste Collection and Transportation - Details of waste received at Processing/ Disposal Facilities

Item	Unit	2020-2021	2021-2022
2.8 Quantity of waste received at processing and recycling facilities	MT/Month	6894.0	7130.0
2.9 Quantity of waste received at disposal sites	MT/Month	0.0	0.0
Total waste received at processing/disposal facility and recycled	MT/Month	6894.00	7130.00

Waste Collection and Transportation - Details of waste transported to Processing/ Disposal Facilities

Item	Unit	2020-2021	2021-2022
2.10 Number of trucks used for transportation of waste	Number	45	45
2.11 Capacity of each trucks	Metric Tons	1.2	1.2

2.12 Total number of trips made by trucks each day to the disposal site	Trips Per Day	2.0	2.0
Total quantity of waste collected by trucks	MT/Month	3240.00	3240.00
2.13 Number of dumper placers used for transportation of waste	Number	0	0
2.14 Capacity of each dumper placer	Metric Tons	0.0	0.0
2.15 Total number of trips made by all dumper placers each day to the disposal site	Trips Per Day	0.0	0.0
Total quantity of waste collected by dumper placers	MT/Month	0.00	0.00
2.16 Number of mini lorries used for transportation of waste	Number	0	0
2.17 Capacity of each mini lorry	Metric Tons	0.0	0.0
2.18 Total number of trips made by all mini lorries each day to the disposal site	Trips Per Day	0.0	0.0
Total quantity of waste collected by mini lorries	MT/Month	0.00	0.00
2.19 Number of tractor trailers used for transportation of waste	Number	2	2
2.20 Capacity of each tractor trailer	Metric Tons	0.5	0.5
2.21 Total number of trips made by all tractor trailer each day to the disposal site	Trips Per Day	3.0	5.0
Total quantity of waste collected by tractor trailer	MT/Month	90.00	150.00
2.22 Number of tipper trucks used for transportation of waste	Number	0	0
2.23 Capacity of each tipper trucks	Metric Tons	0.0	0.0
2.24 Total number of trips made by all tipper trucks each day to the disposal site	Trips Per Day	0.0	0.0
Total quantity of waste collected by tipper trucks	MT/Month	0.00	0.00
2.25 Number of 3 wheeler auto tippers used for transportation of waste	Number	132	132
2.26 Capacity of each 3 wheeler auto tipper	Metric Tons	0.3	0.3
2.27 Total number of trips made by all 3 wheeler auto tippers each day to the disposal site	Trips Per Day	3.0	3.0
Total quantity of waste collected by 3 wheeler auto tippers	MT/Month	3564.00	3564.00
Total quantity of waste collected and transported to disposal site	MT/Month	6894.00	6954.00

3. Extent Of Segregation Of Municipal Solid Waste

Update

Segregation of Waste

Item	Unit	2020-2021	2021-2022
3.1 Quantity of waste arriving at Processing/ Disposal facility in segregated manner	MT/Month	581.0	635.0
3.2 Quantity of waste taken away by recycler from intermediate points	MT/Month	0.0	0.0

4. Extent Of Municipal Solid Waste Recovered

Update

Quantity of Waste Processing

Item	Unit	2020-2021	2021-2022
4.1 Installed Capacity of Composting Plant	MT/Month	7500.0	7800.0
4.2 Waste Quantity Input at the Composting Plant	MT/Month	5644.0	5691.0
4.3 Installed Capacity of Vermi-composting Plant	MT/Month	1000.0	1000.0
4.4 Waste Quantity Input at the Vermi-composting Plant	MT/Month	1000.0	1000.0
4.5 Installed Capacity of Refuse Derived Fuel	MT/Month	0.0	0.0
4.6 Waste Quantity Input at the Refuse Derived Fuel	MT/Month	0.0	0.0
4.7 Installed Capacity of Bio Methanation/ Waste-to-Energy Plants	MT/Month	150.0	150.0
4.8 Waste Quantity Input at Bio methanation/ Waste-to-Energy plants	MT/Month	150.0	150.0
4.9 Installed Capacity of any other processing facilities	MT/Month	100.0	100.0
4.10 Waste Quantity Input at other processing facilities	MT/Month	100.0	100.0
Total Installed Capacity of Processing facilities	MT/Month	8750.00	9050.00
Total Waste Quantity Input at all types of processing facilities	MT/Month	6894.00	6941.00
4.11 Quantity of waste rejected by processing facilities at intake point	MT/Month	0.0	0.0

4.12 Quantity of post-processing rejects sent to dumpsite/ landfills	MT/Month	0.0	0.0
Total Waste Processed in the ULB	MT/Month	6894.00	6941.00

5. Extent Of Scientific Disposal Of Municipal Solid Waste

Update

Quantity of Waste Disposal

Item	Unit	2020-2021	2021-2022
5.1 Quantity of waste disposed in compliant landfill sites	MT/Month	NA	NA
5.2 Quantity of waste disposed in open dump sites	MT/Month	0.0	0.0

6. Efficiency In Redressal Of Customer Complaints

Update

Customer Service

Item	Unit	2020-2021	2021-2022
6.1 Complaints received during the year	Number	9000.0	9020.0
6.2 Complaints resolved within 24 hours during the year	Number	9000.0	9020.0

7. Extent Of Cost Recovery In SWM Services

Update

Financial Information - Operational Expenditure on SWM during previous year

Item	Unit	2020-2021	2021-2022
7.1 Regular Staff & Administration	Rs In Lakh	1335.0	1335.0
7.2 Outsourced/Contracted Staff Costs	Rs In Lakh	1845.0	1845.0
7.3 Electricity Charges/Fuel Costs	Rs In Lakh	82.0	82.0
7.4 Chemical Costs	Rs In Lakh	22.0	22.0
7.5 Repair/Maintenance Costs	Rs In Lakh	30.0	30.0
7.6 Contracted Services Cost	Rs In Lakh	900.0	900.0
7.7 Other Costs (Specify)	Rs In Lakh	0.0	0.0
Total Operational Expenses	Rs In Lakh	4214.00	4214.00

Financial Information - Operational Revenues from SWM during previous year

Item	Unit	2020-2021	2021-2022
7.8 Arrears at the beginning of current year	Rs In Lakh	0.0	0.0
7.9 Tax / Cess - Solid Waste only	Rs In Lakh	0.0	0.0
7.10 User Charges	Rs In Lakh	0.0	0.0
7.11 Fixed Charges based on Property Tax/ State Taxes/Cess/Surcharges	Rs In Lakh	0.0	0.0
7.12 Sale of Recyclables	Rs In Lakh	0.0	0.0
7.13 Sale from processing - compost/energy	Rs In Lakh	0.0	0.0
7.14 Royalty	Rs In Lakh	0.0	0.0
7.15 Others (Specify)	Rs In Lakh	28.0	40.0
Total Revenue Demand Raised for the current year	Rs In Lakh	28.00	40.00

8. Efficiency In Collection Of SWM Charges

Update

Item

Item	Unit	2020-2021	2021-2022
8.1 Total Revenue Demand Raised for the current year	Rs In Lakh	28.00	40.00
8.2 Collection against arrears	Rs In Lakh	NA	NA
8.3 Collection against Current Demand	Rs In Lakh	NA	NA

9 Additional Information(Optional)

Update

Staff Information

Item	Unit	2020-2021	2021-2022
9.1 Senior Management-Health Officer (Sanctioned)	Number	1	1
9.2 Senior Management-Health Officer (Working)	Number	1	1
9.3 Sanitary Inspector (Sanctioned)	Number	45	45
9.4 Sanitary Inspector (Working)	Number	43	43
9.5 Sanitary Supervisor (Sanctioned)	Number	43	43
9.6 Sanitary Supervisor (Working)	Number	43	43
9.7 Maistries/Safai Karam chari (Sanctioned)	Number	815	815
9.8 Maistries/Safai Karam chari (Working)	Number	742	742
9.9 Cleaners/Drivers (Sanctioned)	Number	18	18
9.10 Cleaners/Drivers (Working)	Number	18	18
9.11 Laborers (Sanctioned)	Number	0	0
9.12 Laborers (Working)	Number	0	0
9.13 Others Specify	Number	1230	1230
Total (Sanctioned)	Number	922	922
Total (Working)	Number	2077	2077
9.14 Are daily records of waste received at compliant landfill maintained (MSW 2000)	Yes/No	NA	NA
9.15 Is weigh-bridge available at landfill site?	Yes/No	NA	NA
9.16 Are daily records of waste received at open dumpsites maintained?	Yes/No	YES	YES
9.17 Is weigh-bridge available at dump-site?	Yes/No	NO	YES

User charges

Item	Unit	2020-2021	2021-2022
9.18 Residential	Rs/Month	NA	NA
9.19 Slum HH	Rs/Month	NA	NA
9.20 Commercial Establishment	Rs/Month	NA	NA
9.21 Fixed charge through property tax	Rs/Month	NA	NA
9.22 Others	Rs/Month	NA	NA

Remark

Item	Unit	2020-2021	2021-2022
Remark			

Save

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

Equity Related Information : FY 2021-2022

1. Slums

Update

General Details

Item	Unit	2020-2021	2021-2022
1.1 Number of slum settlements	Number	126	126
1.2 Population in slums	Number	301145	301145
1.3 Households in slums	Number	60229	60229
1.4 Household size in slums	Ratio	5.0	5.0
1.5 Total number of slums notified by state	Number	107	107
1.6 Number of slums that have been de notified in the current year	Number	0	0

Services in slums at city level

Item	Unit	2020-2021	2021-2022
1.20 Number of settlements which have an internal water supply network	Number	107	107
1.21 Number of individual water connections in slums	Number	17817	17817
1.23 Number of group connections in slums	Number	0	0
1.24 Number functional stand posts in slums	Number	933	933
1.25 Number of stand posts converted to group connections for slums	Number	0	0
1.26 Number of individual toilets in slums	Number	55929	55929
1.28 Number of seats in pay-n-use toilets (functional toilets) in slums	Number	0	0
1.29 Number of seats in community toilets (functional toilets) in slums	Number	1612	1612
1.30 Number of settlements which have an internal underground sewerage network	Number	NA	NA
1.31 Number of sewerage connections in slums	Number	NA	NA
1.33 Number of slum HHs served by door to door collection of MSW (Municipal Solid Waste)	Number	60229	60229

2. Water supply

Update

Network details

Item	Unit	2020-2021	2021-2022
2.1 Length of trunk main (Source to treatment plant)	Km	57.0	57.0
2.2 Length of transmission mains (Treatment plant to distribution station)	Km	19.0	19.0
2.3 Length of trunk and/or transmission mains that have undergone renovation	Km	0.0	0.0
2.4 Length of distribution network	Km	1050.0	1050.0
2.5 Number of pipe breaks in the current year	Number	5.0	5.0
2.6 Total area under water distribution network	Sq Km	90.0	90.0

2.7 Length of road network	Km	1233.21	1233.21

Source level details

Item	Unit	2020-2021	2021-2022
2.8 Average daily quantity of water supplied from ground sources	MLD	0.0	0.0
2.9 Average daily quantity of water supplied from own surface sources	MLD	0.0	0.0
2.10 Average daily quantity of water supplied from bulk raw purchase	MLD	110.0	126.0
2.11 Average daily quantity of water supplied from bulk treated water	MLD	0.0	0.0
2.12 Average daily quantity of water supplied from other sources (desalination, rainwater harvesting, etc)	MLD	0.0	0.0
2.13 Total daily quantity of water supplied from source	MLD	110.00	126.000
2.14 Average daily quantity of water supplied from WDS (Water distribution station)	MLD	110.0	126.0
2.15 Average pressure at WDS (Water distribution station)	Meters	5.0	5.0
2.16 Average pressure at consumer end	Meters	3.0	3.0
2.17 Does the ULB conduct regular assessment of availability of sources through preparation of depletion statements, etc?	Yes/No	NO	NO
2.18 Capacity addition/augmentation to present supply of water commissioned over next 3 years from projects/schemes/bulk purchase	MLD	61.0	61.0

Audits

Item	Unit	2020-2021	2021-2022
2.19 Has the ULB conducted studies for preliminary or detailed water audits?	Yes/No	YES	YES
2.20 Has the ULB conducted studies for energy audits?	Yes/No	YES	YES
2.21 Number of pumps at water source, treatment and distribution points inspected in the current year	Number	7.0	7.0
2.22 Number of pumps replaced/repaired in the current year	Number	0.0	0.0

Metering

Item	Unit	2020-2021	2021-2022
2.24 Number of consumer meters that are repaired/replaced in the current year	Number	1000.0	1000.0
2.25 Metered consumption (where consumer meters are functional)	MLD	77.2	83.1
2.26 Number of connections exempted from property tax/ water bills	Number	0	0

Unauthorised Connections

Item	Unit	2020-2021	2021-2022
2.29 Does the ULB have any measures to identify and/or regularise illegal connections?	Yes/No	YES	YES
For Water supply			
2.30 illegal connections	Number	770	770
2.31 % of illegal connections regularised	Percent	50.0	50.0
For Wastewater			
2.32 illegal connections	Number	NA	NA
2.33 % of illegal connections regularised	Percent	NA	NA

3. Sewerage and/or sullage network

Update

Type of system

Item	Unit	2020-2021	2021-2022
3.1 Does the ULB have an underground piped network?	Yes/No	YES	YES
3.2 Total length of underground piped network	Km	249.06	268.0
3.3 Total area covered by underground piped network	Sq Km	34.3	35.7
3.4 Does the ULB have a covered drainage network?	Yes/No	YES	YES
3.5 Length of covered drainage network	Km	80.77	80.77
3.6 Area covered by covered drainage network	Sq Km	7.91	7.91
3.7 Does the ULB have open drainage network?	Yes/No	YES	YES

3.8 Length of open drainage network	Km	321.0	321.0
3.9 Area covered by open drainage network	Sq Km	88.28	86.88

Augmentation and efficiency of network

Item	Unit	2020-2021	2021-2022
3.10 Does the ULB have a plan to develop/augment its sewer network?	Yes/No	YES	YES
3.11 Does the ULB contract out services related to O&M operations for sewerage?	Yes/No		NA
3.12 Number of HHs with individual toilets in the city	Number	156955	156955
3.13 Number of HHs with toilets connected to sewer network in the city	Number	NA	NA
3.14 Number of residential sewer connections in the city	Number	NA	NA
3.15 Number of non-residential sewer connections in the city	Number	0	0
3.16 Total no. of community toilet seats in city (including mobile toilet / public toilet which are used by community)	Number		63
3.17 Total no. of functional community toilet seats in city	Number	63	63
3.18 Number of functional community toilet seats connected to sewer network	Number	60	0
3.19 Number of sewer overflows reported in the current year	Number	0	0
3.20 Does the ULB have a sewage treatment plant?	Yes/No	YES	YES
3.21 If Yes, specify type of treatment			NA

Reuse of wastewater

Item	Unit	2020-2021	2021-2022
3.22 Does the ULB charge for untreated/treated wastewater that is reused?	Yes/No	NO	NO
3.23 If Yes, please specify the rate for untreated wastewater	Rs/MLD	NA	NA
3.24 If Yes, please specify the rate for treated wastewater	Rs/MLD	NA	NA
3.25 Is the untreated waste water being reused?	Yes/No	NO	NO
3.26 If Yes, estimated volume of untreated wastewater reused	MLD	NA	NA
3.27 If Yes, specify the purpose			NA

Means of disposal of waste water

Item	Unit	2020-2021	2021-2022
3.28 Sullage (Grey water from bathroom, kitchen, sink, etc. and outlet of septic tank)			in water bodies
3.29 Untreated sewage			NA
3.30 Treated sewage			NA

In areas of ULB/ULBs with no sewer/drainage network

Item	Unit	2020-2021	2021-2022
3.32 Households with toilets connected to septic tanks	Number	156955	156955
3.33 Households connected to septic tank as per design standards	Number	2400	2400
3.34 Households with septic tank connected to drains / settled sewer	Number	3600	3600
3.35 Houeholds with toilets with septic tank connected to soak pits	Number	153355	153355
3.36 Households with toilets connected to single pit	Number	0	0
3.37 Households with toilets connected to twin pit	Number	0	0
3.38 Households with toilets connected to other safe system (Zero discharge - ecosan toilets, Improved / Package septic tank, Advance onsite treatment - Johkasou, etc)	Number	0	0
3.39 Households with toilets connected to other unsafe system (Night soil disposal, etc)	Number	0	0
3.41 Estimated number of septic tanks / single pits cleaned annually (ULB and Private operators)	Number	1430.0	1120.0
3.42 Total septage generated	Cu.m / Year	167749	174544
3.43 Average capacity of septage sucking machine/ vacuum emptier	Cu.m / Year	3	3
3.44 Number of trips in a year by all sucking machine/ vaccum emptier	Number	1430	1120
3.45 Total volume of septage collected by septage sucking machines	Cu.m / Year	4290.0	3360
3.46 Total quantity of septic tank effluent collected through settled sewer / drain at the inlet of treatment plant / disposal point	MLD	1.7	1.68
3.47 Charge levied by agency for emptying septic tanks inside city limits	Rs/trip	1000	

3.47 Charge levied by agency for emptying septic tanks inside city limits	Rs/trip	1000	1000
3.48 Charge levied by agency for emptying tanks outside city limits	Rs/trip	1000	1000
3.49 Does the ULB have facilities to treat septage?	Yes/No	YES	YES
3.50 If Yes, then specify type of treatment faciltity		1	Co-treatment at own
Enter city name where septage is being treated			NA
If Yes, then specify treatment technology of STP or FSTP			STP
3.51 If yes, then specify installed capacity of septage treatment facility	Cu.m / Year	NA	NA
3.52 If yes, then specify quantity of septage received at treatment facility	Cu.m / Year	3960.0	3960.0
3.53 If yes, then specify quantum of treated septage reused after treatment	Kgs / Year	1163921.0	1163948.0
3.54 Number of Treated Septage Samples Tested in a year	Number	30.0	30.0
3.55 Number of Treated Septage Samples Passed in a year	Number	30.0	30.0
3.56 Location of disposal of untreated septage			Water bodies
3.57 Does ULB have treatmet plant for grey water / effluent collected from settled sewers/drains ?	Yes/No	YES	YES
3.58 If yes, specify type of treatment?		74.5	At existing STP
3.59 If yes, specify installed capacity of treatment plant?	MLD		74.5
3.60 If yes, specify quantity of effluent received at treatment plant	MLD	1.5	1.5
3.61 If yes, specify quantity of treated effluent reused	MLD	0.0	0.0
3.62 Number of treated effluent samples tested in a year	Number	30	30
3.63 Number of treated effluent samples passed in a year	Number	30	30

4. Solid Waste Management

Update

Item	Unit	2020-2021	2021-2022
4.1 Total number of wards in the city	Number	22	22
Number of wards covered by primary collection agencies for SWM			
4.2 ULB	Number	0	22
4.3 Private Agencies	Number	22	22
4.4 Resident Welfare Associations	Number	0	62
4.5 Non Governmental Organization (NGO) / Community Based Organization (CBOs)	Number	0	22
4.6 Number of sweepers deployed for road sweeping	Number	861	861
4.7 Total length of road swept	Km	256.0	256.0
4.8 Number of secondary storage bins	Number	0.0	0.0
4.9 Capacity of secondary storage bins	Tonnes	0.0	0.0
4.10 Frequency of secondary collection of waste in a week	Days	0.0	0.0
Does the ULB contract out services related to			
4.11 Secondary collection?	Yes/No	YES	YES
4.12 Transportation?	Yes/No	YES	YES
4.13 Treatment?	Yes/No	NO	YES
4.14 Disposal?	Yes/No	YES	YES

5. Financial Details for ULB

Update

Capital receipts of ULB

Item	Unit	2020-2021	2021-2022
5.1 Grants (financial award given by the state or central government for capital work only)	Rs. Lakhs	18669.28	7939.0
5.2 Borrowings / loans	Rs. Lakhs	0	0
5.3 Others	Rs. Lakhs	0.0	0.0
Total	Rs. Lakhs	18669.28	7939.00

Capital expenditure of ULB			
5.4 Water supply	Rs. Lakhs	101.52	116.1
5.5 Wastewater	Rs. Lakhs	1055.0	2813.75
5.6 MSWM (Solid waste management)	Rs. Lakhs	4246.94	743.66
5.7 Others	Rs. Lakhs	21074.8	10629.13
Total	Rs. Lakhs	26478.26	14302.64
Revenue Receipts of ULB			
5.8 Own Tax Revenue Income	Rs. Lakhs	12957.0	20108.04
5.9 Non-Tax Revenue Income	Rs. Lakhs	968.37	517.2
5.10 Revenue Grants & Contribution	Rs. Lakhs	14169.0	6077.3
Total	Rs. Lakhs	28094.37	26702.54
Revenue Expenditure of ULB			
5.11 Establishment Expenditure	Rs. Lakhs	14069.78	14332.0
5.12 Operations and maintenance	Rs. Lakhs	542.14	4326.51
5.13 Outsourcing / Contract	Rs. Lakhs	7793.37	702.33
5.14 Others	Rs. Lakhs	407297.0	22484.71
Total	Rs. Lakhs	429702.29	41845.55
5.15 Total Extraordinary Income of ULB	Rs. Lakhs	0.0	0.0
5.16 Total Extraordinary Expenditure of ULB	Rs. Lakhs	0.0	0.0
Property tax details for ULB			
5.17 Arrears at the beginning of current year	Rs. Lakhs	1170.55	1246.0
5.18 Current year billed demand	Rs. Lakhs	3711.11	3810.0
5.19 Collection against arrears	Rs. Lakhs	585.27	918.66
5.20 Collection against current year demand	Rs. Lakhs	2712.57	3082.17
Outstanding Payments of ULB			
5.21 Total payment due to the state electricity board for oustanding electricity bills and penalties	Rs. Lakhs	1253	1998
5.22 Total payments due for bulk supply (irrigation) including charges and penalties	Rs. Lakhs	1300	
5.23 Repayment of loans	Rs. Lakhs	0.0	0.0
5.24 Others	Rs. Lakhs	0.0	0.0
5.24 Total	Rs. Lakhs	2553.00	1998.00

Improving Collection efficiency

Item	Unit	2020-2021	2021-2022
5.29 Does the ULB facilitate payment of bills through banks?	Yes/No	YES	YES
5.30 Does the ULB have various mechanisms to facilitate collection of bills at ward level like e-kiosks, civic centres,etc?	Yes/No	YES	YES
5.31 Does the ULB outsource its bill collections to private agencies, etc?	Yes/No	NO	NO
5.32 What is the penalty for late payment?	%	NA	NA

Remark

Update

Item	Unit	2020-2021	2021-2022
Remark		3.59 TO 3.63 VALUES AS PER RECORD.	

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settlements through its academic programmes as well as research and professional activities. In 2005, it was made into a State University by an Act of the State Legislative Assembly of Gujarat.

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

RELIABILITY ASSESSMENT: FY 2021-2022

1. Coverage

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
1.1 What is the basis of estimation of			
HHs served with individual water supply connections	1.Through household surveys (1-5 yrs)	NO	NO
	2.Through property tax/billing records	NO	NO
	3. Number of residential connections	YES	YES
	4. Past trends/surveys	NO	NO
	5. Area covered by distribution network	NO	NO
	6. Road covered by network length	NO	NO
Properties served with toilets (individual + community)	1. Through household surveys (1-5 yrs)	YES	YES
	2. Through property tax records	YES	YES
	3. Area covered by toilet facilities	YES	YES
Properties served with sewerage connections	1. through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records	NO	NO
	3. Number of sewer connections	YES	YES
	4. Past trends/surveyse	NO	NO
	5. Area covered by sewer network	YES	YES
	6. Road length covered by sewerage	YES	YES
Households served with septic tank connections / twin pit system	1. Through household surveys (1-5 yrs)	NO	NO
	2. Through property tax records or BU permission records	NO	NO
	3. Past trends/surveys	NO	NO
	4. Area covered by septic tank	NO	NO
HHS and established served by door to door collection.	1. Through household surveys (1-5 yrs)	NO	NO
	2. Quantity of waste collected	NO	NO
	3. No. of wards served	NO	NO
1.2 How are records of HHs served by water supply maintained?	1. Computerised	YES	YES
	2. Only Manual	NO	NO
How are records of population saved maintained for			
Toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

	2. Only Manual		
Onsite sanitation system	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	NO	NO
	2. Only Manual	YES	YES
How are connection registers maintained for			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Storm Water Drains			
What is the basis of estimation of length of pucca and covered drains?	1. Ground level surveys (1-5 yrs)	NO	NO
	2. Based on road maps (<5 yrs old)	YES	YES
How are flood prone points identified in the city?	1. Flood monitoring stations	YES	YES
	2. Complaints/reports from citizens	YES	YES

2. Coverage in slums

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
2.1 What is the basis of estimation of population/HHs in slums?	1. Recent Survey (1-3yrs)	YES	YES
	2. Past Survey	NO	NO
2.2 What is the basis of estimation of UWSS services provided in slums?	1. Recent Survey (1-3yrs)	NO	NO
	2. Past Survey	NO	NO
How are records of information on slums maintained for?			
Water supply	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Sewerage	1. Computerised	NO	NO
	2. Only Manual	NO	NO
Onsite sanitation system	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Individual toilets	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Door to door collection of MSW	1. Computerised	NO	NO
	2. Only Manual	YES	YES

3. Water Production, treatment and consumption

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
Basis of measurement of water produced at WTP/tube wells	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
Basis of measurement of water supplied from bulk distribution points	1. Bulk flow meters	YES	YES
	2. Pump/level details	NO	NO
	3. Periodic sample surveys	NO	NO
How are records maintained at WTP/tube wells?	1. Computerised	NO	NO
	2. Only Manual	NO	NO
How are records maintained at bulk distribution points like ESRs, etc?	1. Computerised	NO	NO
	2. Only Manual	NO	NO

4. Quality of Water

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
Are proper records of samples conducted and passed/failed at source, WTP/bore wells, bulk distribution points and consumer end maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	YES	YES
	2. Accredited centres regularly	NO	NO
	3. Third party agencies intermittently	NO	NO
How are audits to monitor water quality procedures carried out?	1. by independent agencies periodically	NO	NO
	2. ULB itself occassionally	YES	YES
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

5. Continuity of water supplied

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
How is the duration of water supplied for the city estimated?	1. Valve operating points across zones	YES	YES
	2. Periodic surveys	NO	NO
	3. Feedback from city field engineers	NO	NO
Is adequacy of pressure and hours of supply at consumer end assessed?		NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

6. Metering of Water Connections

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
Are meters installed at consumer level?		YES	YES
Extent of metering of connections	1. At all consumer points	YES	YES
	2. Only bulk & commercial consumers	NO	NO
How are functional meters assessed?	1. Regular reading and billing of meters	YES	YES
	2. Spot checks	NO	NO
How is household consumption estimated?	1. Meters installed at all consumer points	YES	YES
	2. Periodic Survey	NO	NO
	3. Spot Survey	NO	NO
	4. Ferrule size and hours of supply	NO	NO
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

7. Wastewater collection and treatment

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
How is quantity of wastewater collected by network estimated?	1. Bulk flow meters at inlet of treatment plants	NO	NO
	2. V-Notch at outlet of channel	YES	YES
	3. Installed Plant Capacity	NO	NO
How is quantity of wastewater actually treated estimated?	1. Bulk flow meters at inlet of treatment plants	NA	NA
	2. V-Notch at outlet of channel	NA	NA
	3. Installed Plant Capacity	NA	NA
How treatment plant system capacity is assessed?	1. Through rigorous testing and commissioning procedures	YES	YES

	2. On the basis of reliable operational data	YES	YES
	3. No estimate of treatment capacity that is actually functional and in operation	YES	YES
How is quantity of septage collected estimated?	1.Bulk meters at inlet of treatment plant	YES	YES
	2. Register maintained for number and volume of trucks emptier at the treatment plant or dump site	NO	NO
	2. Installed Plant Capacity	NO	NO
	4. Number of septic tank cleaned annually	NO	NO
How quantity of septage actually treated estimated?	1.Weighing scale at outlet of treatment plant	YES	YES
	2. Installed Plant Capacity	NO	NO
Record keeping of wastewater and septage	1. Computerised	NO	NO
	2. Only Manual	YES	YES

8. Quality of Wastewater

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
Are proper records of samples conducted and passed/failed for all parameters (BOD, COD, etc) maintained?		YES	YES
Are tests for quality conducted through	1. Own laboratory regularly	NO	NO
	2. Accredited centres regularly	YES	YES
How are audits to monitor waste water quality procedures carried out?	1. by independent agencies periodically	YES	YES
	2. ULB itself occassionally	NO	NO
Record Keeping	1. Computerised	NO	NO
	2. Only Manual	YES	YES

9. SWM

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
How is quantity of waste generated estimated?	1. Quarterly/ sample surveys	NO	NO
	2. Per capita waste generation	YES	YES
How is quantity of waste segregated estimated?	1. Measurement at treatment/disposal site	NA	NA
	2. HHs & establishments with two bins	NA	NA
	3. Inputs from door to door collection agencies	NA	NA
Estimation of municipal waste received at			
Treatment plant	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Scientific landfil	1. Weighbrige	NA	NA
	2. On the basis of Trips	NA	NA
	3. Aggregate mass balance	NA	NA
	4. Installed capacity	NA	NA
Open dumps	1. Weighbrige	NO	NO
	2. On the basis of Trips	YES	YES
	3. Aggregate mass balance	NO	NO
Record keeping at			
Treatment plant	1. Computerised	NA	NA
	2. Only Manual	NA	NA
Scientific landfil	1. Computerised	NA	NA
	2. Only Manual	NA	NA

Open dumps	1. Computerised	NO	NO
	2. Only Manual	YES	YES

10. Finance

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
Is regualar (quarterly/annual) reporting of the financial statements conducted to state/central agencies?		YES	YES
Are arrears segregated from current demand in financial statements/budgets?		YES	YES
Extent of segregation of budget heads for			
Water supply	1. Fully	YES	YES
	2. Partially	NO	NO
Wastewater (sewage, sullage, septage, public and community toilets)	1. Fully	NO	NO
	2. Partially	YES	YES
SWM	1. Fully	NO	NO
	2. Partially	YES	YES
Accounting System	1. Accrual-Double entry	NO	NO
	2. Cash Based	YES	YES
	3. Both systems	NO	NO
Are records maintained for charges collected against the specific bill issued?	1. Water supply	YES	YES
	2. Sewerage	YES	YES
	3. SWM	NO	NO
Are DCB tables linked to billing and collection system?		YES	YES
Billing Systems	1. Computerised	YES	YES
	2. Only Manual	NO	NO
Are billing and collection records regularly updated?		YES	YES
Record Keeping	1. Computerised	YES	YES
	2. Only Manual	NO	NO

11. Complaint Redressal System

Update

Reliability parameters for water supply, wastewater, SWM and SWD		2020-2021	2021-2022
Are records of complaints redressed maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
System for Collating, sorting and tracking of complaints			
Water supply	1. Computerised	NO	NO
	2. Only Manual	YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)	1. Computerised	NO	NO
	2. Only Manual	YES	YES
SWM	1. Computerised	YES	YES
	2. Only Manual	YES	YES
Are the records of types of complaints (low water pressure, no water, sewer blocks, etc) maintained?			
Water supply		YES	YES
Wastewater (sewage, sullage, septage, public and community toilets)		YES	YES
SWM		YES	YES
Are multiple mechanisms to register complaints (through telephone, in person, by email) available to the consumers in			
Water supply		YES	YES

Wastewater (sewage, sullage, septage, public and community toilets)	YES	YES
SWM	YES	YES

Remark

Item	Unit	2020-2021	2021-2022
Remark		-1	

Save

General Information | Water Supply | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

24x7 WATER SUPPLY IN COMMUNITY AND PUBLIC TOILETS: FY 2021-2022

1. COMMUNITY TOILETS

Update

Item	Unit	2020-2021	2021-2022
1.1 Number of community toilet blocks in ULBs	Number	335	335
1.2 Number of community toilet blocks assured 24x7 water supply	Number	275	275
1.3 Number of community toilet blocks connected with municipal water supply connections	Number	0	0
1.4 Number of community toilet blocks connected with bore well	Number	274	274
1.5 Number of community toilet blocks connected with tanker supply	Number	1	1
1.6 Number of community toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.7 Number of community toilet blocks operated and maintained by ULB	Number	245	245
1.8 Number of community toilet blocks operated and maintained by private agency	Number	30	30
1.9 Number of community toilet blocks operated and maintained by community	Number	60	60

2. PUBLIC TOILETS

Update

Item	Unit	2020-2021	2021-2022
1.10 Number of public toilet blocks in ULBs (including public toilets at bus stations, railway stations, markets, etc.)	Number	139	139
1.11 Number of public toilet blocks assured 24x7 water supply	Number	139	139
1.12 Number of public toilet blocks connected with municipal water supply connections	Number	0	0
1.13 Number of public toilet blocks connected with bore well	Number	138	138
1.14 Number of public toilet blocks connected with tanker supply	Number	1	1
1.15 Number of public toilet blocks connected with other sources, mention source name in remark section	Number	0	0
1.16 Number of public toilet blocks operated and maintained by ULB	Number	139	139
1.17 Number of public toilet blocks operated and maintained by private agency	Number	0	0
1.18 Number of public toilet blocks operated and maintained by other agency	Number	0	0

Remark

Update

	2020-2021	2021-2022
Remark		

General Information | Water Supply | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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About CEPT

CEPT University located in Ahmedabad in India is a leading institution offering undergraduate and postgraduate programmes in Architecture, Planning, Building Construction, Interior Design, Technology Management and Arts through its various schools. Since its inception in 1962, CEPT's mission has been to contribute to development issues related to urban and rural settlements through its academic programmes as well as research and professional activities. In 2005, it was made into a State University by an Act of the State Legislative Assembly of Gujarat.

PERFORMANCE ASSESSMENT SYSTEM (PAS) PROJECT
Amravati

WATER-BODIES REJUVENATION AND RAIN WATER HARVESTING : FY 2021-2022

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1. WATER BODIES REJUVENATION

Update

Item	Unit	2020-2021	2021-2022
1.1 Does ULB have water body (i.e. Lakes, Ponds, Tanks, Stepwells/Baolis) in the city?	Yes/No	YES	YES
1.2 If yes, total number of existing water bodies in the city	Number	2	2
1.3 Total area of water bodies (If more than one then enter total area of all the water bodies)	Sq Km	0.8237	0.8237
1.4 Does city rejuvenated water bodies till August 2021?	Yes/No	NO	NO
1.5 If yes, number of water bodies rejuvenated before August 2021	Number	0	0
1.6 Total area of water bodies that are rejuvenated before the August 2021 (If more than one then enter total area of all the water bodies that were rejuvenated)	Sq Km	0	0
1.7 Number of water bodies are rejuvenated between September 2021 to August 2022	Number	0	0
1.8 Total area of water bodies that are rejuvenated between September 2021 to August 2022 (If more than one then enter total area of all the water bodies that are rejuvenated)	Sq Km	0	0
1.9 Does city have plan to rejuvenate water bodies next year (September 2022 to August 2023)?	Yes/No	YES	YES
1.10 If yes, then number of water bodies that will be rejuvenated next year (September 2022 to August 2023)	Number	1	1
1.11 Does ULB conduct pre monsoon cleaning of water bodies ?	Yes/No	NO	NO
1.12 If yes, number of water bodies cleaned in this year	Number	0	0

2. RAINWATER HARVESTING

Update

Item	Unit	2020-2021	2021-2022
2.1 Total number of properties with RWH structure	Number	106	106
2.2 Does city government completed any RWH project in current financial year?	Yes/No	NO	NO
2.3 If yes, then number of RWH project completed in this financial year	Number	0	0
2.4 Does ULB link rainwater harvesting (RWH) structure data with property database?	Yes/No	NO	NO
2.5 Does ULB check functionality of RWH structure?	Yes/No	YES	YES
2.6 If yes, Number of non-functional RWH structures	Number	0.0	0.0

Remark

Update

	2020-2021	2021-2022
Remark		

General Information | Water Supply | Sewerage and Drainage | Solid Waste Management | ERI | Reliability | CTPT Info | WR and RWH

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